Redlands Community College  
2012-2013 Catalog  

REDLANDS COMMUNITY COLLEGE  
1300 S. Country Club Road  
El Reno, Oklahoma 73036-5304  
Phone: (405) 262-2552  
Fax: (405) 422-1200  
http://www.redlandscc.edu  

All information supplied in this publication is accurate at the time of printing; however, changes may occur and will supersede information in this publication. Please refer to the online version of this publication for the latest updates. The online version is the official version. This publication is printed by and issued by Redlands Community College. 50 copies were printed at a cost of $235.00. The electronic publication is available on the RCC website at http://www.redlandscc.edu.


Redlands Community College is also in compliance with Public Law 101-226, the Drug Free Schools and Community Act Amendments of 1989 and the Drug Free Workplace Act of 1988. In support of the spirit and intent of these laws, Redlands Community College maintains an alcohol-, tobacco- and drug-free campus by prohibiting the use of alcohol and/or illicit drugs by students and employees on College property or as part of any College activity and by prohibiting the use of tobacco inside College buildings.

Notice of Nondiscrimination Statement

Redlands Community College does not discriminate on the basis of race, color, national origin, sex, disability, age, religion or status as a veteran, in any of its educational programs, activities, policies, practices or procedures, including, but is not limited to, admissions, employment, eligibility for financial aid and educational services, in accordance with Titles VI and VII of the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, the Civil Rights Act of 1991 and other federal laws and regulations. The following person has been designated to handle inquiries regarding the College’s nondiscrimination policies and procedures for students, employees and others:

Human Resources Director  
Redlands Community College  
1300 S. Country Club Road  
El Reno, OK 73036-5304  
(405) 422-1267
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Message from the President

The American Association of Community Colleges AACC 2012 publication “Trends in the Educational Attainment of Community College Students” answers the question of educational attainment for all key populations as follows: “The investments made in Community College education by students and by society as a whole are paying off.” One need only look to our quality of life careers such as educators, law enforcement or health and the certifications and degree base are easily traced to Community College preparation for the majority of these and countless other workforce career programs. Redlands, through a series of contracted, collaborative and cooperative experiences has constructed a student user transfer and career entry focused schedule. The mode of instruction, delivery, the timing and location of course offerings allow for varied work and lifestyle schedules. Whether your course or program delivery format is best served by seminars, live instruction or onsite field internships, all of these are just a sample of the delivery options available. Beyond the direct course delivery or other multimedia enhanced instruction are student support services including such services as the Information Commons, Library and program specific multimedia labs. Other supports are available across all facets of internet and RCC campus wide wireless network.

Confirming your degree or career plans through the RCC career and placement services as well as student support services can be a great aid in time and cost considerations. Utilizations of assessment and financial advisement can also be assets in time and cost considerations. Once your financial plan is in place, much of this information can be utilized at Redlands and throughout your higher education preparation. Again, statistics illustrate over and over that those students with a plan, a purpose and a retention plan are the ones achieving licensure or transfer to professional degree completion. The support services are free and can speed the time, direction and outcomes resulting in completion.

We, at Redlands, appreciate your choice of Redlands Community College, and through our belief in easy access, we want to offer you opportunity for college entry. Beyond the chance to try, we want to see you add to your employment and career profile by retaining and completing your targeted licensure or degree field. Welcome to Redlands Community College. Our benchmarked program and student success tell us that you can get there from here, get involved and add to RCC’s student success - as well as your own.

Dr. Larry F. Devane
President
GOVERNING BOARDS
2012-2013

Oklahoma State Regents for Higher Education

Marlin “Ike” Glass, Chair
James D. “Jimmy” Harrel, Vice Chair
Mike C. Turpen, Secretary
John Massey, Assistant Secretary
Julie Carson
Joseph L. Parker, Jr.
Toney Stricklin
William Stuart Price
Ronald H. White, M.D.

Board of Regents - Redlands Community College

Charlie Beard, Chairperson
Travis Ketter, Vice Chairperson
Lynda McColl, Secretary
Linda Langmacher
Tracey Wills
Richard Ruhl
James Kitch
ACADEMIC CALENDAR
2012-2013

Fall Semester

Class Work Begins – 8:00 a.m. ................................................................. August 20, 2012
Last Day to Add/Drop 1st 8-Week Classes .................................................. August 24, 2012
Last Day to Add/Drop 16-Week Classes ....................................................... August 31, 2012
Labor Day (Campus Closed) ................................................................ September 3, 2012
Last Day to Withdraw from 1st 8-Week Classes ...................................... September 28, 2012
1st 8-Week Classes End ............................................................................ October 12, 2012
2nd 8-Week Classes Begin ........................................................................ October 15, 2012
Last Day to Add/Drop 2nd 8-Week Classes ............................................... October 19, 2012
Last Day to Withdraw from 2nd 8-Week & 16 Week Classes .................. November 9, 2012
Last Day to Withdraw from ANY Fall Semester Nursing Classes ........ See Nursing Academic Calendar
Thanksgiving Break (Campus Closed) .................................................... November 19-23, 2012
Semester Ends ......................................................................................... December 14, 2012
Winter Holiday Break (Campus Closed) .............................................. December 21, 2012-January 6, 2013

Spring Semester

Class Work Begins – 8:00 a.m. ................................................................. January 14, 2013
Last day to Add/Drop 1st 8-Week Classes .................................................. January 18, 2013
Holiday – Martin Luther King Day (Campus OPEN – No Classes) .......... January 21, 2013
Last Day to Add/Drop 16-Week Classes ................................................... January 25, 2013
Last Day to Withdraw from 1st 8-Week Classes ........................................ February 22, 2013
1st 8-Week Classes End ........................................................................... March 8, 2013
2nd 8-Week Classes Begin ...................................................................... March 11, 2013
Last Day to Add/Drop 2nd 8-Week Classes ............................................. March 15, 2013
Spring Break (No Classes) ...................................................................... March 18-22, 2013
Spring Break (Campus Closed) .............................................................. March 21-22, 2013
Holiday – Good Friday (Campus Closed) .............................................. March 29, 2013
Last Day to Withdraw from 2nd 8-Week & 16-Week Classes .................. April 19, 2013
Semester Ends ....................................................................................... May 10, 2013
Commencement ...................................................................................... May 10, 2013
Holiday – Memorial Day (Campus Closed) ............................................ May 27, 2013
ACCREDITATION
Redlands currently holds the maximum ten year accreditation from the Higher Learning Commission of the North Central Association of Colleges and Schools:

Higher Learning Commission
30 North LaSalle Street, Suite 2400
Chicago, Illinois 60602-2504
800-621-7440
http://www.ncahlc.org/

The Redlands nursing program is accredited by the National League for Nursing Accrediting Commission (NLNAC), holding a maximum eight-year accreditation:

National League for Nursing Accrediting Commission
61 Broadway
New York, New York 10006
212-363-5555
http://www.nlnac.org

The Redlands nursing program is approved by the Oklahoma Board of Nursing (OBN), holding the maximum approval of 5 years:

Oklahoma Board of Nursing
2915 North Classen Blvd., Suite 524
Oklahoma City, Oklahoma 73106
405-962-1821
http://www.youroklahoma.com/nursing

FACILITIES AND LOCATION
Redlands Community College is located in El Reno, Oklahoma, 25 miles west of Oklahoma City in central Oklahoma. Easily accessible to commuting students, El Reno is at the crossroads of several major highways. RCC’s buildings are all accessible to those with disabilities.

Facilities include the following:

- Ray Porter Academic Complex
- James E. Bass Student Center
- Conference Center
- A.R. Harrison Learning Resources Center
- Larry F. Devane Multimedia Lifelong Learning Center
- Culture Center
- Physical Education Center and Natatorium
- Select Physical Therapy/Wellness Center
- Baseball Complex

- Bill S. Cole Nursing/Allied Health Building
- Gemini Center
- Physical Plant
- Cougar Crossing Apartments
- Art/Science Classroom Building
- Equine Center
- Redlands Community College Royse Ranch
- Darlington Agriculture Education and Applied Research Center
- Darlington Hall
- H Building
- DeLaval Building

GOVERNANCE
Redlands Community College is governed by the Oklahoma State Regents for Higher Education and the Redlands Community College Board of Regents.

ABOUT THE COLLEGE
Redlands Community College is a fully accredited two-year college in the Oklahoma State System of Higher Education. The College was founded in 1938 under the auspices of El Reno Public Schools, District I-34 and was originally housed in the basement of El Reno High School. Later, the College moved to the former El Reno Post Office, which was converted into classrooms, laboratories and offices for the growing institution.

In 1971, the public school district Junior College ceased to exist and the people of the district voted to establish a full-fledged Junior College district under the governance of the El Reno Junior College Board of Regents. Later, in 1974, legislation was passed establishing the College as a full member of the Oklahoma State System of Higher Education. On September 1, 1991, the name of the College was officially changed to Redlands Community College.

Redlands Community College undertook the first phase of construction on its present site north of Interstate 40 at 1300 S. Country Club Road in 1971. Over the years, the campus has grown to include numerous buildings and now encompasses 55 acres. The 150-acre Darlington Agriculture Education and Applied Research Center and the 310-acre Redlands Royse Ranch are located north of El Reno and house all agriculture and equine operations.

In addition to modern classrooms and media services, RCC facilities include an Art Gallery, Culture Center, Conference Center, seven computer labs with advanced technology, Cougar Crossing Apartments, a Fitness Wellness Center, a swimming pool and sauna.

Redlands is one of few colleges that can boast five
USA Today “All American” students and one Goldwater Scholar in the past decade. RCC serves the needs of more than 5,000 urban and rural credit students each year, offering a variety of programs and semester plans. From art to zoology, there’s something for both degree seekers and lifelong learners.

High school students in more than 30 surrounding communities earn RCC college credit through concurrent and off-campus classes. Internships, co-op education and clinical nursing experiences offer practical, hands-on learning throughout area industry and clinics. RCC also offers classes as part of the Downtown College Consortium in Oklahoma City.

Our athletic teams, a vital part of life at RCC, compete on the national level. A benefit for athletes, the campus and the community is Select Physical Therapy, a sports medicine clinic housed on campus.

MISSION OF THE COLLEGE
Redlands Community College provides a learner-centered environment committed to academic excellence strengthened through service and civic engagement.

Value Statements
1. Learner-Centered Environment
   Provide a rich academic environment in which learners engage in designing and completing individual educational goals.

2. Academic Excellence
   Provide opportunities for continuous academic growth through a challenging and rigorous curriculum enhanced by the application of research and technology.

3. Collaboration and Service
   Provide learning opportunities in collaboration with public and private partners that reinforce the value of service to others and strengthen ethical development and civic engagement.

GENERAL EDUCATION PHILOSOPHY
The general education philosophy of Redlands Community College is to prepare students for the continuation of lifelong learning through the development of competent communication, efficient problem solving and successful life skills. Redlands Community College is committed to providing knowledge to a diverse student population, reflecting varied ages and life situations. Redlands Community College recognizes individual learning styles by providing traditional and alternative educational opportunities to ensure student success for the 21\textsuperscript{st} century.
ADMISSION AND ENROLLMENT

RESIDENCE REQUIREMENTS

Resident of Oklahoma
A resident of Oklahoma is one who has lived continuously in Oklahoma for at least 12 months duration and whose domicile is in Oklahoma. A person’s domicile is his or her true, fixed, permanent home or habitation. It is the place where the person intends to remain and to which he or she expects to return. A person can have more than one residence, but only one domicile. Domicile has two components--residence and the intention to remain. When these two occur, there is domicile.

Nonresident of Oklahoma
A nonresident of Oklahoma is an individual who has not resided in Oklahoma for the last 12 months and has not established a domicile in Oklahoma; a person whose only purpose to be in Oklahoma is to attend school.

International Student
An individual who is not a citizen of the United States may become eligible for classification as an Oklahoma resident, provided he or she holds permanent resident status as defined by the Immigration and Naturalization Service, evidenced by the issuance of a green card; he or she also has resided in Oklahoma for at least 12 consecutive months following issuance of the green card.

Burden of Proof
The burden of proof of residence status or domicile shall be upon the applicant. Students filing an appeal for reclassification of his or her status shall do so on forms provided by the Registrar’s Office.

CRITERIA FOR ADMISSION

Resident of Oklahoma
Any resident of Oklahoma who (a) is a graduate of an accredited high school and/or (b) has participated in the American College Testing program is eligible for admission to Redlands Community College. Non-High School Graduates, see page 9.

Nonresident of Oklahoma
A nonresident of Oklahoma, in order to be eligible for admission to any institution in the Oklahoma State System of Higher Education, (a) must be a graduate of a high school accredited by the appropriate regional association or by an appropriate accrediting agency of his or her home state and (b) must have participated in the American College Testing program or a similarly acceptable battery of tests.

Placement Testing Requirements
Placement testing prior to enrollment is required for all first-time entering students who have not taken the ACT or students who score less than 19 in any subject area of the ACT.

Transfer Students from an Oklahoma College
Students who transfer from other higher education institutions to Redlands Community College must submit official transcripts from all institutions attended. Students who have earned less than 32 semester hours of college credit or have graduated from high school less than two years before the date of application must submit high school transcripts and ACT scores. Failure to submit all required records may make the student ineligible to enroll for a second semester.

- Each resident undergraduate must meet retention standards at Redlands Community College as specified in this catalog. See Academic Information–Scholastic Requirements for Continued Enrollment.
- Resident undergraduates who do not meet RCC retention standards may be admitted on a probationary basis. A student will be allowed to continue on a probationary basis if he or she achieves a minimum 2.0 GPA. A student who achieves RCC retention standards for all college courses attempted will be removed from probation.
- Transfer hours may be posted to the RCC transcript once the official transcripts from each post-secondary institution have been received.

Transfer Students from Out-of-State Colleges
Transcripts of record from colleges or universities accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools or other regional associations will be given full value and must be submitted with an application for admission along with ACT scores. Students who have earned more than 32 semester hours of college credit or graduated from high school more than two years prior to the date of application are not required to submit ACT scores, but they may be required to take placement examinations before enrolling in reading intensive courses, College Algebra or English Composition I. Failure to submit all required records may make the student ineligible to enroll for a second semester.
Transfer hours may be posted to the RCC transcript once the official transcripts from each post-secondary institution have been received.

**Transfer Students from Non-Accredited Colleges**

Transcripts of record from institutions not accredited by a regional association will be evaluated on the basis of recommendations contained in the current issue of the Transfer of Credit Practices of Designated Educational Institutions, published by the American Association of Collegiate Registrars and Admission Officers, in accordance with OSRHE Policy 3.10.3.B.2. Transcripts of record from institutions not accredited by a regional association will be evaluated on an individual basis, and may not be accepted by Redlands Community College.

**Concurrent Students**

A junior or senior student enrolled in an accredited Oklahoma high school or a home-schooled student may be admitted provisionally to Redlands Community College as a special student, if the requirements set forth as follows are met:

- The student must meet the published criteria of the Oklahoma State Regents for Higher Education (other than high school graduation) for admission to Redlands Community College.
- The student must be enrolled in less than a full-time load (fewer than six courses per semester) at the high school attended, as attested by the high school principal.
- The student must be eligible to complete requirements for graduation from high school no later than the spring of the senior year, as attested by the high school principal.

A high school student admitted under these provisions may enroll in a combined number of high school and college courses per semester not to exceed a full-time college work load of 19 credit hours.

**Non-High School Graduates**

Any adult resident of Oklahoma (18 years of age or older) who has had his or her high school education interrupted before graduation is eligible for provisional admission as a special student to Redlands Community College as follows:

- His or her high school class must have graduated prior to the beginning of the term he or she wishes to enter
- The application is reviewed and assessed as a part of the admission process and the applicant is then appropriately advised

The provisional admission will be probationary for a period of two semesters. If, at the end of that time, he or she has made satisfactory progress (see retention standards), he or she may continue to enroll as a regular college student.

**International Students**

All correspondence relating to international student admissions should be sent to:

Redlands Community College
Office of Admissions and International Relations
1300 S. Country Club Road
El Reno, OK 73036

International student admissions standards and procedures can be located at [http://www.redlandscc.edu](http://www.redlandscc.edu) under “Future Students Internationals.” Redlands Community College will issue a Form I-20 only after the student has met all conditions required for admission.

International academic work and transcripts may be required to be evaluated by World Education Services, Inc. before they will be considered for acceptance by Redlands Community College.

**AMERICAN COLLEGE TEST- ACT**

Oklahoma State Regents for Higher Education regulations specify all students who are admitted to an accredited institution of higher learning in Oklahoma must take the ACT examination.

Redlands Community College has been designated as a national testing center for the ACT. Students wishing to take the National ACT must register by completing a packet of information and mailing the forms directly to ACT. Packets may be obtained from area high schools or from the Academic Advisement and Assessment Center, LRC 21-A, located on RCC's campus.

The residual ACT is administered by the college according to a published schedule. The residual test results are used to complete admission requirements and for student placement purposes.

Students wishing to take the residual ACT need to check the published dates, times and places for testing at RCC. Preregistration through the Testing Center, LRC 21-A, is required. Residual testing is available for students who are enrolled, have been admitted or are in the process of applying to RCC.

**ADMISSION TO SPECIAL PROGRAMS**

Admission to the college does not guarantee entrance to special programs. All prospective nursing students must meet admission requirements of the nursing program.

**Admission to Honors Program**

Redlands Community College offers honors courses
which provide students special opportunities and challenges commensurate with their academic abilities. Students who wish to be a part of this program must complete an application for admission and must meet at least one of the following criteria:

- An ACT score of 22 or above, or an ACT score of 20 and a grade point average of at least 3.25 from a college, or
- An ACT score of 20 and a grade point average of at least 3.25 from a high school, or
- Demonstrate special abilities and talents and complete a successful interview with the Honors Director

Honors classes are identified with an (H) following the course title in the class schedule and on the student’s transcript. Individual courses may be taken for Honors credit as well. Students are given honors credit on their official transcripts.

Admission to Nursing Program
Nursing admissions Handbook is available online in the Academics link to Nursing.

ADMISSION-ENROLLMENT PROCEDURES
Admissions Office
The Admissions Office, located in the RCC Student Services Center, is open Monday - Friday from 8 a.m. until 5 p.m. The mailing address is 1300 S. Country Club Road, El Reno, OK 73036-5304 and the phone number is (405) 422-1417. The addition of classes is usually permitted only during the first two weeks of a sixteen-week semester and during the first week of an eight-week term or full summer term. Exact dates of the change of enrollment period are listed in the class schedule.

Admission Procedures
Admission to Redlands Community College takes place year-round. RCC maintains an open enrollment policy which encourages high school graduates and GED students to continue their education with us. If you do not have a high school diploma or the GED equivalent, you may be admitted to the college by taking the Assessment test.

New Students
Students who have never attended Redlands need to complete the following admission and enrollment procedures:

- Complete an application for admission and submit to the Office of Admissions, along with official high school transcripts, ACT scores, an official transcript from each college attended and GED scores, if applicable.
- See an academic advisor in the Student Services Center to select courses for the upcoming semester. Assessment Testing may be required prior to selection of courses. See Placement Testing Requirements.
- Following course selection with an advisor, submit registration form to Office of Records/Registrar. A copy of the enrollment for the upcoming semester will be given to the student.
- Have a photo identification card made.
- Last, go to the Business Office to pay tuition. The student is responsible for costs according to the fee schedule. See Enrollment Fees and Tuition Payment Schedule on page 12.
- When a student enrolls, he or she is responsible for enrollment fees and charges. These charges will not be canceled or refunded unless the student initiates a formal withdrawal before classes begin. Students who fail to pay fees or to make suitable arrangements for payment of fees, may be denied admission to classes the following semester. See refund policy.

Online Enrollment
If you are a current RCC student and have completed 12 hours, you may be able to enroll online. For more information or to enroll online, go to http://www.redlandscc.edu, log in to your RCC account, and click on RCConnect. Online enrollment for credit classes is under ‘Registration’. Students in certain majors or programs may be excluded from online enrollment; please review the exclusions listed in the Online Enrollment guide available on the RCC website at http://www.redlandscc.edu/index.php?q=content/publications.

Telephone Enrollment
Redlands Community College offers students the opportunity to enroll by telephone if they are an established student, having previously attended RCC within the last two years. Call Student Services at (405) 422-1417 and ask for an advisor.

ADMISSIONS CLASSIFICATIONS
Regular Admission
Admission requires the student to have a completed application for admission, transcripts of all high school (or GED scores), college work attempted and ACT scores on file in the Office of Admissions & Records.

Students who have earned more than 32 semester hours of college credit or who have graduated from high school more than two years prior to the date of application are not required to submit ACT scores, but
may be required to take placement examinations before enrolling in reading intensive courses, College Algebra or English Composition I.

**English Composition I & College Algebra**
To enroll in College Algebra, Contemporary Mathematics and English Composition I, a student must have achieved a score of 19 on the math and English subtests of the ACT. If a student’s score is below a 19 in any subtest, then he/she must take the COMPASS placement test. Based on these assessment scores, a student may be advised to take one or more developmental (0-level) math, English or reading courses. The specific assessment scores will identify the set of developmental courses (if any) which should be completed as prerequisites for College Algebra, Contemporary Mathematics or English Composition I.

**Developmental Courses**
While the completion of any prescribed developmental course(s) is required for students to take both College Algebra and English Composition I, these courses are not applied to fulfill degree requirements. Developmental courses do not count in the graduation/retention GPA, but grades received for 0-level courses are counted in the current term statistics. Students may receive financial aid for these courses.

**Provisional Admission**
In some cases, students may be enrolled without having all of the above mentioned documents on file. Provisional enrollment is usually allowed for no longer than one term.

**Probationary Admission**
Any adult resident of Oklahoma, 18 years of age or older, who is not a high school graduate, is eligible for probationary enrollment if the student’s high school class has graduated. This status will be maintained for two semesters.

If, at the end of that time, he or she has made satisfactory progress according to the retention policies of the institution, he or she may enroll as a regular student.

This category of admission may also be granted to transfer students who do not meet the minimum standards. These standards must be met within one semester or the student will be suspended.

**Audit Enrollment**
Any person eligible for regular admission may, with the consent of the Registrar, enroll in a course for audit. Request to change to audit status after midterm will require approval of the instructor. The student must adhere to the instructor’s class attendance policy and may be withdrawn from the class for non-attendance.

The same tuition and fees are charged for auditing as for credit. Auditing notation is entered on the transcript of the student. A student who originally enrolls for audit may not change to a credit course.

**Senior Citizens Audit Program**
Oklahoma residents who are 65 years of age or older may enroll on an audit basis in academic courses, contingent upon space being available and the tuition will be waived. The policy applies only to academic courses.

**TUITION**
Tuition and Fees are approved by the Oklahoma State Regents for Higher Education and are subject to change without notice.

When a student enrolls, he or she is responsible for enrollment tuition and fees. These charges will not be canceled or refunded unless the student initiates a formal withdrawal before classes begin. Students who fail to pay tuition and fees or to make suitable arrangements for payment of tuition and fees, may be denied admission to classes the following semester.

**Oklahoma Resident**
- **Per Credit Hour**
  - On-Campus Tuition: $111.00

**Non-Oklahoma Resident**
- **Per Credit Hour**
  - On-Campus Tuition: $186.00

**International Student**
- **Per Credit Hour**
  - On-Campus Tuition: $236.00

**Audit a Course (without credit):**
Same charge as regular fees

**Non-Credit Offerings**
Non-credit courses, workshops and seminars will be priced on the basis of individual program costs.

**Non-credit Recreation and Fitness Classes**
Full refunds will be granted to non-credit students who officially withdraw prior to the start of the first class meeting. Students who withdraw after the start of the first class meeting will not qualify for a refund. To officially withdraw, a non-credit student must contact the Office of Fitness for Life (405) 422-1418 or (405) 422-6229 or they will be billed for the class.

**Non-credit Continuing and Contracted Education Classes**
Participants enrolled in non-credit classes, workshops, seminars or other activities offered by Office of Continuing and Contracted Education who officially withdraw before the scheduled starting time will receive a 100% refund. To officially withdraw, students must contact the Office of Continuing and Contracted Education at (405) 422-1465. Participants who fail to officially withdraw will be billed.

FEES

Miscellaneous Fees
For some services and in some courses, special services, supplies or equipment may be used. Costs for these are the responsibility of the student. Special charges are itemized below and reflected in student bills.

Course Fees

<table>
<thead>
<tr>
<th>Course</th>
<th>Per Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ag/Equine</td>
<td>$20.00</td>
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<tr>
<td>AI Seminar Fee</td>
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<td>Alternative Education</td>
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<tr>
<td>Art</td>
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<tr>
<td>Athletic Fitness Trainer Fee</td>
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<td>CMSC/BUS0/AMT</td>
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<td>EMT Tech</td>
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<td>Non-Resident</td>
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<td>Supercircuit</td>
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<tr>
<td>Tech Center Transcript</td>
<td>$8.00</td>
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</tbody>
</table>

Special Fees

Academic Records Fee ($1.00 per credit hour* for completion of 24 credit hours)
Admissions Fee (upon initial enrollment) $25.00

*Fee will be assessed upon completion of 24 credit hours.

Special Nursing Fees
Please refer to the Nursing Student Handbook online.

Testing Fees
Contact the Testing Center, LRC 21-A, for information on specific testing fees.

Fees Are Subject to Change
In the event that the Oklahoma State Regents for Higher Education approve a fee change, you will be assessed accordingly.

TUITION AND FEES PAYMENT SCHEDULE

1. Methods of Payment (See page 12)
2. Withdrawals (See page 14)
3. Refunds (See pages 14-15)
4. Refunds of Audit Fee (See page 15)
5. Fee Schedule for Late Payment of Account (See page 15)

Methods of Payment
- Cash, check, money order, credit card, financial aid award letter, scholarship award letter or enrollment in FACTS Tuition Payment Plan are all acceptable methods of payment or payment arrangement.
- Any items not allowed or balances not covered by award letters will be due at time of enrollment and can be paid by cash, check, credit card or enrollment in FACTS Tuition Payment Plan.
- Monthly payments can be made through the FACTS Tuition Management Program. See the Bursar’s Office for details or visit the RCC website at http://www.redlandscc.edu and look for the online tuition payment site. (Note: The FACTS plan requires an established checking or savings account.)

Where Do I Pay?
Your payment may be made in person in the Bursar’s Office, by credit card online with RCConnect at http://www.redlandscc.edu, by check or money order in the Bursar’s Office or by check or money order in the U.S. mail to: RCC Bursar’s Office, 1300 S. Country Club Road, El Reno, OK 73036-5304. You should include your name, student ID number and the semester for which you are paying when paying by mail.

The College accepts cash, check, money order, Visa, MasterCard, American Express and Discover.

When is the Deadline to Pay?
Payment or payment arrangements are required by the Fee Due Date. The Fee Due Date is the last day of the Add/Drop period for each semester. Add/Drop dates are published in the academic calendar.

Tuition & Fees Charged
Students at Redlands Community College will be charged tuition and fees for all classes in which they are enrolled as of the Fee Due Date for each enrollment period of each semester. Students who pay or set up satisfactory payment arrangements on their date of enrollment or by
the Fee Due Date for the semester will pay tuition and fees only. Students who choose to make monthly payments through FACTS will be assessed a one-time finance charge of $25. Students enrolling after the initial Fee Due Date must pay in full at the time of enrollment or go to the Bursar’s Office to find out the minimum payment due. 

**STUDENTS WILL NOT BE CANCELLED FROM CURRENT CLASSES DUE TO NON-PAYMENT OF CURRENT TUITION AND FEES BY THE FEE DUE DATE.** Instead, students will be automatically billed through the College Payment Plan for all tuition and fees due (see Option 3 below). Students should withdraw from any classes in which they do not wish to be enrolled prior to the Fee Due Date in order to avoid tuition, fees, and/or finance charges. Students will receive a refund only for classes from which they withdraw prior to or during the official refund period. See the academic calendar for exact withdrawal dates.

**Payment Options***

Students may choose to pay their tuition and fees prior to the beginning of the semester or by making monthly payments through the FACTS Tuition Payment Plan. Students who do not pay their account balance in full or who do not enroll in a FACTS payment plan will be automatically set up on the College Payment Plan, which will incur finance charges and late payment fees until the account balance is paid in full.

*All correspondence from the Bursar’s Office with the student about the student’s account will be sent to the student’s RCC student email account. The student may view his or her account online at any time by going to www.redlandscc.edu and logging into RCConnect. If the student has any questions about his or her account, the student should send an email inquiry to business.office@redlandscc.edu.

1. **OPTION 1: Pay Tuition and Fees by Fee Due Date**
   Students may pay their tuition and fees by the published Fee Due Date or on their date of enrollment and incur no additional finance charges. Students enrolling after the initial Fee Due Date must pay in full at the time of enrollment or go to the Bursar’s Office to find out the minimum payment due.

2. **OPTION 2: Make Monthly Payments through FACTS***
   Students may choose to pay their account balance on a monthly basis by enrolling through the FACTS Tuition Payment Plan. There is a one-time finance charge of $25. Monthly payments through FACTS will not include any additional finance charges on the outstanding balance as long as the account remains in good standing. FACTS will charge the student’s bank account on the 5th of each month. **NOTE:** A late payment charge of $25 will be assessed to any payment not collected by the 5th of each month. An additional attempt to collect the payment will then be made on the 20th of the same month. If the payment cannot be collected on the 20th, an additional collection fee of $25 will be added and the student’s account will be returned to the College. Additional finance and late payment charges will be assessed by the College until the account is paid in full (see Option 3 below).

*Students choosing to pay tuition and fees on a FACTS Payment Plan are required to comply with the payment schedule in order to enroll, or remain enrolled, in any future semesters.

3. **OPTION 3: College Payment Plan**
   Students who do not pay their account balance in full by the Fee Due Date or set up a satisfactory payment arrangement through FACTS by the Fee Due Date or who default on their FACTS agreement will be automatically set up on the College Payment Plan. The student will be notified through the student’s RCC student email account that their account is now managed by the College. An initial Finance Charge of $50 will be assessed at the time the College Payment Plan is initiated for that student. Student account balances not covered by financial aid or a FACTS agreement can be divided into a maximum of four monthly payments for the semester under the College Payment Plan. Students will then be expected to make monthly payments by the 5th of each month. These monthly payments will include a 2% finance charge on the outstanding balance. A late payment charge of $25 will be applied to any payment not received by the 5th of each month. Payment in full will be required no later than two weeks before the end of the semester. Accounts not paid in full two weeks before the end of the semester will have a 22% service charge applied to the balance and will be turned for collection at the end of the semester. Redlands Community College participates in the Oklahoma Tax Commission Warrant Intercept program, which deducts past due balances from tax refund checks.

**Students who are paying through the College Payment Plan are required to pay their bill in full in order to enroll, or remain enrolled, in any future semesters.**
FINANCIAL AID APPLICANTS
Students who apply for Federal student aid and are awarded by the published Fee Due Date and who maintain financial aid eligibility will have their tuition and fees deducted from their financial aid.

Students who are not awarded by the published Fee Due Date and have not paid their tuition and fees or who have not made satisfactory payment arrangements will automatically be billed through the College Payment Plan and incur finance and late charges consistent with College policy.

Students who are awarded any type of scholarship and/or state, college and/or Federal aid insufficient to cover their charges in full are responsible for the remaining balance due after their award(s) are credited to their account. Unless satisfactory payment arrangements are in place by the Fee Due Date, they will be billed monthly through the College Payment Plan and incur appropriate finance and late charges calculated on the remaining balance.

COMPLETE WITHDRAWAL OF STUDENTS WHO ARE TITLE IV RECIPIENTS
Recipients of Federal Title IV student financial aid funds (Pell Grants, SEOG, Stafford and PLUS Loans), who completely withdraw from the College during a semester may be required to repay a portion of the funds that are determined to be unearned. The calculation of earned vs. unearned funds is based directly on the portion of the semester the student attended before they completely withdrew. This calculation is not associated with the tuition refund policy of the College. It is a separate computation required in order to comply with Federal Title IV regulations. As a result of a student’s complete withdrawal, he/she will automatically be placed on financial aid suspension.

WITHDRAWALS
Withdrawal (whether from any class or a complete withdrawal) must be completed by the enrolled student in person or in writing as described below. Telephone withdrawal will not be accepted. Written withdrawals should be addressed to the attention of Student Services. Faxed withdrawals should be faxed to (405) 422-1239. The following process must be adhered to – whether to “drop a class” or “withdraw from all classes”: contact the Student Services Office to obtain the proper form; then, obtain all necessary approvals (Instructor, Student Services, Financial Aid, Business Office and Registrar’s Office). Until the proper form has been approved and processed by the Registrar’s Office, the student is not considered to have made a change in his or her registration. Written withdrawal requires the use of the proper form that can be obtained from the Office of Student Services or from the Redlands Community College Web site at http://www.redlandscc.edu. You may contact Student Services at 405-422-1417. The form should be returned by mail to the Office of Student Services, Redlands Community College, 1300 S. Country Club Road, El Reno, OK 73036, or faxed to 405-422-1239. Please be sure to provide a current contact phone number with your request. It is the student’s responsibility to follow-up with Student Services to ensure the request was received and processed.

REFUNDS OF FEES & TUITION
The refund policy for fees and tuition (except for Title IV recipients) collected from students shall be as follows:

1. Withdrawals and Changes of Enrollment
   A. Changes in schedules and complete withdrawals from the institution during the defined add/drop period will result in full charges for courses added and full credit for courses dropped. No refunds will be made after the add/drop period for that session except as stipulated for Title IV recipients in item B.
   
   B. The refund policy for fees and tuition collected from Title IV recipients shall be as follows: The Higher Education Act Amendments of 1992, (Title IV, Part G and 484V) require that each institution refunds unearned tuition, fees, room and board and other charges to students who withdraw from an institution before the end of the semester or term.

   The Higher Education Act defines a “fair and equitable refund policy” as a policy that provides for a refund in an amount of at least the largest of the amounts provided under:

   a. The requirements of applicable state law;
   b. The specific refund requirements established by the institution’s nationally recognized accrediting agency and approved by the Secretary of Education; or
   c. The Federal Government has set guidelines concerning students who receive Title IV Aid and completely withdraw from school or stop attending courses. Any student making a complete withdrawal or that stops attending his or her classes who received a Federal Pell Grant, SEOG, Subsidized Stafford Loan, Unsubsidized Stafford Loan or a Parent (PLUS) Loan, will be required to return money to the school immediately if they drop
2. Fees Applicable Only for Current Semester—Fees are applicable only for the current semester. If a student withdraws and is entitled to a refund, the amount of the refund cannot be carried forward as a credit to a subsequent session.

3. Refunds for Classes Offered on a Non-Standard Schedule—Institutions may refund tuition and fees paid by a student who must withdraw from a course offered on a schedule that differs from the standard 16-week term or 15-week trimester. Each institution may develop refund procedures for courses offered on a non-standard schedule.

4. Reminder: Students who receive federal financial aid assistance and drop one or more classes or withdraw from college may be responsible for returning to the federal government some or all of the financial aid that they have received.

Refunds for Credit Courses

Schedule Changes or Complete Withdrawals

Students adjusting their schedules or completely withdrawing from all classes during the first two weeks of a sixteen-week semester or the first week of a four, six, eight or other reduced-week semester will be charged 100% tuition and fees for any courses added and will receive a 100% refund of tuition and fees for any courses dropped. Finance and late charges accrued will not be reduced. No refunds will be made after this period except as stipulated for first-time enrollment of Title IV recipients.

Refunds for Schedule Changes or Complete Withdrawals***

Students adjusting their schedules or completely withdrawing from all classes during the first two weeks of a 16-week class or the first week of a four-, five-, six-, eight- or other reduced-number week class will be charged 100% fees for any courses added and will receive a 100% refund of tuition and fees for any dropped courses. Finance and late charges accrued will not be reduced. See academic calendar for dates. No refund will be made after this period except as stipulated for enrollment of Title IV recipients. See academic calendar for exact withdrawal dates.

*** See posted dates on the academic calendar. If you are receiving student financial assistance funds (Pell Grants, SEOG, Stafford and Plus Loans and Academic Competitiveness Grants) and completely withdraw from the College during a semester, you may be required to repay a portion of the funds that are determined to be “unearned.” The calculation of earned vs. unearned funds is based directly on the portion of the semester you attended before totally withdrawing. This calculation is not related to the College’s tuition refund policy. It is in addition to the College’s refund policy and is required by Federal Title IV regulations. All refunds, including financial aid, will be paid by check and available on the 2nd and 4th Fridays of each month at the Bursar’s Office. A Student ID will be required to pick up any refund check. NOTE: Payments made by credit card will be refunded to the credit card.

Fee Schedule for Late Payment of Account

- Payment or approved payment arrangements at time of enrollment – no penalty.
- A minimum of $50 per enrollment period will be charged for any late payment of the student’s account balance that does not meet the payment or payment arrangements requirements listed under “Methods of Payment.” This fee is eligible to be assessed as early as the first day of classes for each enrollment period.
- An additional monthly late payment penalty may be assessed for any unpaid account balance after the official add/drop period ends.
  - The first late payment penalty of $3.00 per credit hour enrolled may be assessed immediately following the end of the add/drop period.
  - Additional late payment penalties may be assessed for each month an account carries any unpaid balance. Each month this charge is assessed, the penalty will be at the rate of an additional $3.00 per credit hour enrolled and added to the previous late payment penalties assessed.

- At the time of enrollment, students who receive financial aid will be required to pay, or make payment arrangements for, any balance not covered by the financial aid.
- Students who enroll in the FACTS Tuition Payment program at the time of enrollment will not be assessed a late payment penalty as long as the FACTS account remains in good standing. Terminating the FACTS account prior to completion of the payment plan may result in late payment
penalties in addition to the charges assessed by the FACTS Tuition Payment program.

- Failure to pay all charges and penalties owed by the end of the current semester will result in a hold on future enrollment and transcript. The account may be turned over to an outside collection agency and a fee may be assessed for the collection process.

**Refund of Audit Fee**
Audit fees are not refunded.
STUDENT SERVICES CENTER
Student Services is a resource for assisting prospective students in making a smooth transition into programs at RCC, as well as assisting all students in realizing their potential. The Student Services staff assists students in planning an educational program, as well as helping them accomplish their educational goals. The Student Services Center is located in the main academic complex.

ACADEMIC ADVISING
Redlands Community College has created an advisement system to assist students in planning their academic program. Students meet with an advisor who will help in the preparation of each semester’s class schedule and will provide information pertinent to the student’s educational program. Enrollment may be completed as soon as schedules are available for each semester. An advisor is assigned to admit and counsel international students.

ACADEMIC ASSESSMENT AND ASSISTANCE CENTER
The Academic Assessment and Assistance Center is located on the second floor of the A.R. Harrison Learning Resources Center, LRC 21-A. Services include providing a tutorial facility, which is staffed and equipped to assist students with specific learning goals.

Skill building, subject review and/or enrichment and computer assisted instruction are available to students on an elective basis or by instructor referral. Testing services include administering Advanced Standing exams, as well as the ACT, CLEP, DANTES and other standardized tests, to students.

CAREER SERVICES
Redlands Community College is preparing students for lifelong learning by offering a variety of services to enhance the career planning and exploration process. Career planning is a process involving four steps:

- Self-Assessment
- Knowledge about career fields
- Knowledge about the job market
- Knowledge about how to prepare and market yourself

Redlands Community College has moved toward a Career Services model with extensive efforts to provide career awareness and opportunities to a wide variety of students, while developing meaningful internship and experiential learning experiences.

Students may enroll in courses for college credit while exploring the options for the future, including career exploration, resume preparation, portfolio planning, internships and business leadership. Real world experiences and networking are learned through business and industry tours, job skills training, business leadership and internships. Students are offered the opportunity to receive special assistance in obtaining career information through personalized career exploration or to simply sit and browse through an assortment of information related to careers, education and employment opportunities.

Employers, recruiters and business and industry representatives may contact Career Education to post job announcements, schedule on-campus interviews and recruiting and request other services related to labor market opportunities.

Career Education hosts a Career Expo during the spring semester. The Career Expo provides students and members of the community the opportunity to visit with business, education and technical services representatives regarding careers, training and labor market information. Students may contact Career Education for additional information.

ACADEMIC SUPPORT PROGRAMS

Academic Initiative to Motivate Students (A.I.M.S.)
A.I.M.S. is a federally funded student support services TRIO program that helps eligible students maximize their potential for success. A.I.M.S. offers intensive academic advising and counseling, innovative instruction and tutorial support and specially designed, skill-building workshops. Assistance in transferring to a four-year institution and opportunities for cultural enrichment also are available. Students interested in A.I.M.S. should complete an application, available in the Student Services Center.

The G.O.A.L.S. Program
G.O.A.L.S. is a special program designed to provide education, training and supportive services to primarily single parents returning to school. The program provides a wide variety of services to assist students in achieving their academic and life goals. G.O.A.L.S. offers self-paced career certificates, GED assistance, college programs (applied sciences), support groups and job placement assistance. Students must meet specific income guidelines. Contact the G.O.A.L.S office at 405-422-6265 for more information.
Veterans Upward Bound
VUB is a federally-funded student support services TRiO program that helps eligible veterans maximize their potential for success. VUB provides college preparation instructional services, tutoring, basic skills enhancement opportunities and college entrance services at three centers: El Reno on the RCC campus, Fort Cobb at Caddo-Kiowa Technology Center and Enid at Autry Technology Center. Eligible veterans must meet specific income guidelines as well as specific veteran’s guidelines. Veterans must reside in Blaine, Caddo, Canadian, Garfield, Kay, Kingfisher, Kiowa, Logan or Payne County to be eligible for this program. For more information you can reach Veterans Upward Bound at vub@redlandscc.edu or 405-422-1405.

Scholars for Excellence in Child Care
The SECC Program is a comprehensive scholarship program for child care providers. The SECC program ensures that eligible child care professionals in the state of Oklahoma have an opportunity to attend a two-year college to further their education while earning a Certificate of Mastery and/or an Associate Degree in Family Studies and Child Development.

Program participants are provided intensive academic advising and counseling, tutorial support and academic mentoring by the program academic support coordinator.

This scholarship may pay a percentage of the recipient’s book and tuition costs each semester. Recipients also can receive a travel stipend for each semester they are enrolled in classes. Contact the SECC office for eligibility requirements.

FINANCIAL AID
The financial aid program at RCC is designed for qualified students who might not be able to continue their education without financial assistance. Eligible students may receive grants, loans, scholarships, student employment or a combination of these programs. The College participates in the following Federal programs: Pell Grant, SEOG, Work Study, and Direct Student and PLUS Loans. The Oklahoma State Regents for Higher Education administers all State programs. Financial assistance is available to degree-seeking students and students who are seeking certain certificates of mastery from RCC. The following students are not eligible to receive Federal or State assistance: Students who are taking non-credit courses, students concurrently enrolled in college and high school courses, and students taking courses but not pursuing a degree or certificate.

To apply for Federal student aid, applicants must complete the Free Application for Federal Student Aid (FAFSA). This is a free process that must be completed each academic year. Students may apply online at http://www.fafsa.gov or by mailing a completed paper application to the U.S. Department of Education.

Although not required, the FAFSA application should be completed before March 15 each year in order to ensure a timely response and to meet State grant deadlines. Students who plan to rely on financial aid to take advantage of tuition, housing, and bookstore charges must have all required documentation submitted to the Financial Aid Office accordingly: July 15 for Fall, December 1 for Spring, and May 1 for Summer. Students applying for financial aid after these priority deadlines will need to make alternative arrangements for tuition, housing and bookstore charges until financial aid can be processed.

For more information, contact the Financial Aid Office at Redlands Community College at (405) 422-6250, or visit our office on campus.

Financial Aid Eligibility
To be considered for Federal and/or State financial aid you must:

- be a degree- or certificate-seeking student.
- be a citizen or an eligible non-citizen of the United States.
- have a valid Social Security number.
- register with Selective Service (if required).
- demonstrate an ability to benefit (see below).
- not be in default on a Federal Stafford, Direct, and/or a Perkins student loan.
- Make Satisfactory Academic Progress (SAP) as explained below after the Ability to Benefit section.

Satisfactory Academic Progress (SAP)
Satisfactory Academic Progress is defined as the successful continued progression toward the attainment of an educational degree or certificate. Academic progress is reviewed in December and August to determine if students may continue to receive funds.

A student applying for assistance through the Federal Pell Grant, SEOG, Work Study, Direct Loan programs, along with some State programs like OK Promise (OHLAP), are required to meet three separate criteria to maintain financial aid eligibility at RCC. A brief description of the requirements is outlined below. Detailed information can be found on the RCC website at http://www.redlandscc.edu.

- Students must maintain a minimum cumulative GPA.
- Students are required to complete (pass) at least 67% of the overall credit hours they attempt.
- Students must complete the requirements for their degree within a maximum number of attempted credit hours.

Failure to meet these minimum academic standards will result in the loss of financial aid eligibility but may be
reinstated based on an appeal process.

For a complete description of the RCC Satisfactory Academic Progress Policy please visit the RCC website at http://www.redlandscc.edu.

Return of Title IV Aid - R2T4

The Federal Government has set guidelines concerning students who receive Title IV Federal Student Aid and completely withdraw from school or stop attending their courses. Federal student aid recipients who completely withdraw after classes begin, but prior to completing at least 60% of the semester, will have to repay a portion of the federal funds that they received. RCC is required to calculate the amount of “earned” and “unearned” aid that a student received or that was credited to the student’s account. This calculation may require the student and/or the college, on the student’s behalf, to immediately repay funds that were disbursed for the purpose of paying educational expenses. After the calculation is figured, RCC’s Financial Aid Office will notify the student regarding the amount of aid that must be returned to the Federal Government. Additionally, excessive withdrawals may have an adverse effect on a student’s financial aid satisfactory academic progress, which will be evaluated at the end of each semester.

GRANTS

Pell Grants
Pell Grants are federal aid grants designed to provide financial assistance to qualified students attending post-high school educational institutions. Pell Grants are intended to be the “floor” of a financial aid package and may cover a significant portion of a student’s college expenses. The amount of the Pell Grant is determined by federal need analysis criteria. Students must complete the Free Application for Federal Student Aid (FAFSA) and submit the resulting Student Aid Report to the Financial Aid Office. Applications are available through high school counselors, public libraries and college financial aid offices.

Supplemental Educational Opportunity Grants - SEOG
SEOG is an additional federal aid program for students of exceptional financial need. Grants may range from $200 to $500 per year for students who qualify. Application is made by submitting the results of the FAFSA to the Financial Aid Office. Earliest applicants with the greatest need are awarded first.

Oklahoma Tuition Aid Grants - OTAG
This grant is awarded to Oklahoma residents with exceptional need, as demonstrated by the results of the Free Application for Federal Student Aid (FAFSA). The State of Oklahoma mandates a new deadline each year depending on the availability of funding. It is our recommendation that you submit your FAFSA no later than March 1 in order to receive the best chance for eligibility. The student need only apply with the FAFSA and answer all questions thoroughly concerning state of legal residency. The Oklahoma Tuition Aid Grant Office determines award amounts and notifies the student and the college.

LOANS

William D. Ford Direct Loan Program
The Direct Loan program allows students and parents to borrow money from the U.S. Department of Education. These loans are borrowed money which must be repaid after the student graduates, drops below halftime enrollment or completely withdraws. RCC currently participates in the following:

1. Federal Direct Loans for Students
   • Federal Direct Loans are available to students based on their expected family contribution (EFC), which is determined by the FAFSA. Other criterion includes cost of attendance, grade level, and other types of financial aid which the student receives. Depending on the eligibility limits, a student may receive a loan from one or both of the following:
     a. Subsidized – The U.S. Department of Education pays the interest while the student is enrolled on at least a halftime basis, or is in a grace period or on deferment.
     b. Unsubsidized – Interest accrues from the time the loan is disbursed to the student RCC account to the time it is paid in full.

2. Federal Direct Loans for Parents of Dependent Undergraduate Students (PLUS)
   • The PLUS loan is for parents of dependent students who want to borrow more than the Student Direct loan limits. A parent may borrow up to the cost of attendance, provided it does not exceed the student’s unmet need. Unlike Student Direct loans, PLUS loans are subject to credit checks and approval by the U.S. Department of Education.

Federal Work Study
Through the Federal Work Study Program, students can earn money by working part-time for various
departments on campus. These part-time positions are funded through the program and require that students meet financial and need-based eligibility.

SCHOLARSHIPS
RCC SCHOLARSHIPS AND WAIVERS
Scholarships are available through RCC. Applications are available from Student Services or from area high school counselors and are due March 1 to ensure consideration for the following school year. Submit applications for the following scholarships to the Student Services Center:

Tuition Waivers
Authorized by the Oklahoma State Regents for Higher Education from the educational and general budget in the form of general enrollment tuition waivers. These scholarships are gratuities and the student shall not be required to perform services in return for the award. At least 50 percent of all scholarship awards will be made on the basis of financial need with other awards being made on the basis of scholarship or field of academic interest.

President’s Scholarships
Offered to a number of students who demonstrate high academic achievement and leadership.

Athletic Scholarships
Available to qualified students who are recommended by the Athletic Director.

The Ray Porter Faculty Association Scholarship
Awarded annually in December to a deserving sophomore. The award is given by the RCC Faculty Association on the basis of academic progress, need and overall contributions to college life.

Phi Theta Kappa Scholarships
Awarded annually by Phi Theta Kappa, the international honor society for two-year colleges.

Aggie Club Scholarship
Awarded to one sophomore agriculture major. Applicants must be members of the Aggie Club and should apply during the spring semester of their freshman year.

“Mind Games” Academic Team Scholarships
RCC has an academic team that competes in the KSBI Channel 52 televised bowl, “Mind Games.” All participating team members are offered scholarships. All freshman or sophomore students enrolled in at least 6 hours for the fall and spring may qualify. High school or middle school academic team experience is considered a plus; however, any student interested is encouraged to speak with the RCC academic team coach.

Special Scholarships
Awarded to high school graduates who plan to attend RCC. Selections are made by organizations, clubs or individuals, in cooperation with high schools and are based on need and academic achievement.

REDLANDS COMMUNITY COLLEGE FOUNDATION, INC. SCHOLARSHIPS.
To view all Foundation scholarships along with their complete guidelines Please go to: www.redlandscc.edu/scholarships . All Foundation scholarships are accepted from January 1st through March 1st.
March 1st is the deadline for all Foundation Scholarships.

Alumni and Friends Association Endowed Scholarship
Bailey Smith Memorial Scholarship
Brandon Hoffman Memorial Scholarship
Burruss Family Endowed Scholarship
Casey Dell Brantley Memorial Endowed Scholarship
Cathi “Mac” Kennedy Endowed Scholarship
Cheryl Ross Rinehart Memorial Nursing Endowed Scholarship
Edna McMahon Kelly Memorial Endowed Scholarship
El Reno High School (ERHS) Class of 65’ Endowed Scholarship
El Reno Area Arts Council Art Scholarship
El Reno Chamber of Commerce/Leslie F. Roblyer Memorial Endowed Scholarship
El Reno Masonic Lodge #50 / RCC Aggie Club Scholarship
Emily Kay Wilds Memorial Scholarship
Francis E. Horn Memorial Scholarship
Gary and Janie McCurdy Criminal Justice Scholarship
James S. Gibson Memorial Scholarship
James D. (Jim) Shaw Memorial Endowed Scholarship
Joe Entz Memorial Scholarship
KLR Endowed Scholarship (Kiwanis, Lions & Rotary Clubs)
Krystle Rogers Memorial Scholarship
Marie West Lyons Endowed Scholarship
Martha Piper Nursing Endowed Scholarship
Michael Earl Croy Memorial Endowed Scholarship
N.E. and Pearl Douglas Scholarship
P&K Equipment John Deere Scholarship
Dewayne Peters & Dennis Harryman Memorial Scholarship
Harold H. & Rebecca Raney Hutson Endowed Scholarship
Redlands Community College (RCC)/Chapel Creek Scholarship
Redlands Community College Foundation, Inc. Scholarships
Renna V. Royse Memorial Endowed Scholarship
Russell-Murray Hospice Nursing Scholarship
Ruth Ellen Strong Memorial Scholarship
Scott L. Harlan Memorial Endowed Scholarship
T.G. Johnson Memorial Endowed Scholarship
Tommy Pinkston Family Memorial Endowed Scholarship
Trotter-Gambel Endowed Scholarship
Tyler Knecht Memorial Endowed Scholarship
RCC-Follett Bookstore Scholarships
Virdin Royse Memorial Endowed Scholarship

Transfer Scholarships:
Margaret E. Petree Scholarship
Doris Anne Smith Memorial Scholarship

All Foundation scholarships are accepted from January 1st through March 1st. A scholarship application must accompany each scholarship request. Applications must be completed electronically or typed (handwritten applications will not be accepted). You may submit your applications by bringing them to the Foundation office or you mail them to the office directly. If mailing it must be postmarked on or before March 1st for consideration. Please mail to: Redlands Community College 1300 S. Country Club Road * El Reno, Ok. 73036-5304* ATTN: Foundation Office

ADDITIONAL SOURCES OF FINANCIAL ASSISTANCE
Bureau of Indian Education
The Bureau of Indian Education of the U.S. Department of Interior awards financial assistance to certain students of Indian descent who desire to obtain a college education. Students receiving such assistance must maintain a GPA of 2.0 on the 4.0 scale. For information contact: Bureau of Indian Education, Branch of Education, Cheyenne/Arapaho Tribes Higher Education, Cheyenne Arapaho Tribes, Box 38, Concho, OK 73022, or the appropriate tribal agency.

Vocational Rehab
Upon approval by a representative of the Vocational Rehabilitation Division of the State Board of Education, grants are made to students who have substantial employment disabilities and who are desirous of securing a college education. Contact the Department of Human Services in your area for further information.

Veterans’ Services
Redlands Community College’s associate degree programs of education and training are approved for payment of benefits by the Veterans Administration. Current VA education programs include the following:

- Chapter 33, Post 9/11 GI Bill
- Chapter 30, Montgomery GI Bill, active duty(MGIB)
- Chapter 1606, Montgomery GI Bill, Selected Reserve (MGIB-SR)
• Chapter 1607, Reserve Educational Assistance Program (REAP)
• Chapter 35, Dependents Educational Assistance Program (DEA)
• Chapter 31, Vocational Rehabilitation & Employment (VR&E)

In order to maintain eligibility for Montgomery GI Bill benefits, students must be actively pursuing the degree program for which they have been certified. Assistance with Montgomery GI Bill processing is available at the Registrars’ Office.

Additional veterans’ services are also available with the Veterans Upward Bound (VUB) office located in SC-4 of the Ray Porter Building. VUB is a free postsecondary education assistance program funded by the U.S. Department of Education and designed to meet the unique circumstances of veterans and current military service members by providing them a one-stop location for all their educational needs. The VUB office can be reached at (405) 422-1405.

Aid Disbursement
Any grant, loan or scholarship money (refunds will be minus any bookstore charges, housing and tuition) will be applied to your Business Office account (disbursed) after the two-week add/drop period in the fall and spring semesters has concluded. Refunds are typically available at the Business Office around the 6th week of the term. The first disbursement for summer will be after the one-week add/drop period. No money will be disbursed prior to the first day of class for the semester.

STUDENT CONDUCT CODE
Students attending RCC are expected to conduct themselves in a manner appropriate to an educational institution of higher learning and to pursue course work in an honest and ethical manner. Any academic dishonesty including cheating, collusion or plagiarism will not be tolerated. Plagiarism is the use of ideas, facts, opinions, illustrative material, data, direct or indirect wording of another scholar and/or writer—professional or student—without giving proper credit. Expulsion, suspension or any lesser penalty may be imposed for plagiarism.

Inappropriate student conduct which adversely affects any RCC student, faculty member, employee or other member of the college community may subject the student to disciplinary action.

The violation of any local, state or federal law on the RCC campus or in a vehicle owned by RCC may subject a student to disciplinary action. Violation of any official policy of the RCC Board of Regents may also subject a student to disciplinary action. Other grounds for student disciplinary action include:

Grounds for Student Disciplinary Action
• disturbing the public peace
• violence toward any person or property
• disrupting the function of the college
• interfering with faculty or staff in the performance of their duties
• gambling
• consumption or possession of alcoholic beverages or illegal narcotics in any form on campus or at any activity sponsored by or for a student organization
• falsifying or causing the falsification of any official college record
• use, possession or distribution of firearms, weapons, pellet or air soft guns, ammunition, blanks, firecrackers or explosives on campus
• illegal carrying of a concealed weapon on campus
• participation in or encouragement of any action on campus which endangers the health, education or welfare of any other person (including “hazing”)
• violation of any applicable college rule or regulation
• publication of anonymous or unauthorized publications on campus is prohibited*

*Authorization for distribution of publications on campus must be obtained from the RCC President or the Vice President of Student Services prior to distribution.

Student Misconduct Procedures
Disciplinary Procedures
Student misconduct should be reported to the office of the Vice President of Student Services. The Vice President of Student Services will investigate the reported misconduct, review the same with the student as appropriate and take the appropriate disciplinary action. A student who believes the disciplinary action is unfair may file an appeal with the Committee on Student Conduct by submitting a written appeal to the Vice President of Student Services within 24 hours after the initial decision of the Vice President of Student Services. The Committee on Student Conduct shall be comprised of:

• one administrator selected by the RCC President
• two faculty members selected by the Faculty Association President
• two students selected by the Vice President of Student Services

If the disciplinary action is suspension or expulsion, the Committee on Student Conduct must allow the student to appear before the committee to present the appeal. Otherwise, the committee may choose to simply review documentation submitted by the student and the Vice
President of Student Services.
The Committee on Student Conduct may uphold, reverse or modify the decision of the Vice President of Student Services. The decision of the Committee on Student Conduct shall be the final institutional decision on the disciplinary action.

PENALTIES
Reprimand: A reprimand may be oral or written and shall not become part of a student’s permanent record. The reprimand will be noted by the Vice President of Student Services.

Conduct Probation: A student placed on conduct probation shall be given written notice of the same and a copy of the notice may be placed in the student’s files. Following satisfactory completion of the probation, the notice of probation may be removed from the student’s files, if requested. Misconduct by a student on conduct probation may result in further disciplinary action.

Immediate Suspension: A student may be suspended any time there is danger of immediate harm to any member of the RCC community or RCC property. Any RCC administrator may suspend a student under such circumstances. The suspension shall be effective immediately and may be subsequently appealed to the Committee on Student Conduct by submitting a written appeal to the Vice President of Student Services within in 24 hours.

Suspension: A student may be suspended for misconduct for a definite period of time, not less than the remainder of the semester in which the suspension is imposed. Such a suspension may be recorded in the student’s file. The student may apply for readmission following expiration of the suspension period.

Expulsion: A student who has been expelled for misconduct will normally not be allowed to apply for readmission. The expulsion for misconduct may be included in the student’s file.

Grievances/Complaints
- Statement of Policy
A student of Redlands Community College who feels that he or she has been treated unfairly by an administrator, faculty member, instructor or other staff member may raise the issue through a grievance, provided there is no other College procedure which is available to address the issue. Issues addressed in other procedures, such as grade appeals, appeals of disciplinary action, complaints of discrimination and complaints of sexual harassment must be pursued in accordance with those procedures.

Informal Resolution
The student must seek informal resolution of the matter before filing a formal grievance. The student shall first raise the issue with the individual whose action is grieved. If the grievance is not resolved, the student shall raise the issue with that individual’s immediate supervisor. The individual whose action is grieved shall be given the opportunity to respond to and participate in the informal resolution process. Absent resolution at this level, the student may then seek formal resolution of the grievance.

Formal Resolution
Before filing a formal grievance, a student must first seek informal resolution of the grievance. If an informal solution is not reached, a student may file a formal grievance by following the procedures published in the Procedures section of the Policies and Procedures Manual, as outlined in the Statement of Procedure below.

- Statement of Procedure
Formal Resolution
A formal grievance must be filed within twenty (20) business days from the event or action which is grieved. Failure to first seek an informal resolution, or failure to file the formal grievance within this twenty (20) business day period, will constitute a waiver of any right to pursue the grievance.

The grievance must be submitted, in written form, to the individual whose action is grieved and to that individual's immediate supervisor. The individual whose action is grieved shall be given the opportunity to submit a written response to the grievance.

If the grievance is not resolved at this level, the student may submit the grievance to the individual at the next level of administration above the immediate supervisor.

Absent resolution, the student may submit the grievance to the individual at each succeeding level of the administration, proceeding up the organizational flow chart, to the Vice President or Administrator who has administrative authority over the individual whose action is grieved.

At each level of the formal grievance process, the grievance must be submitted in writing; the individual whose action is grieved, shall be given the opportunity to respond; and written notice of the decision shall be given to the student and to the individual whose action is grieved within ten (10) business days after submission of the response to the grievance. The decision of the Vice President or Administrator shall be the final institutional decision on all formal student grievances. All formal student complaints are to be recorded and maintained in a secure file on the “Student Complaint Log” in the office of the Vice President of Student Services.
Sexual Harassment
- Statement of Policy
Redlands Community College expressly prohibits sexual harassment of members of the College community, including students, employees and visitors. Sexual harassment will not be tolerated or condoned. Those who engage in sexual harassment may be subject to sanctions imposed by the College as well as to civil and criminal penalties. The College is committed to providing an environment that is free from sexual harassment and to providing appropriate means of addressing complaints regarding sexual harassment.

Definition and Examples
For purposes of this procedure and the related policy, the term "sexual harassment" means unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature when:
A. Submission to such conduct is either explicitly or implicitly made a term or condition of an individual’s employment or academic standing; or
B. Submission to or rejection of such conduct by an individual is used as the basis for an employment or academic decision affecting such individual; or
C. Such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance; or
D. Such conduct, either by intent or by effect, creates an intimidating, hostile or offensive academic or work environment.

Examples of such prohibited conduct include persistent, unwelcome flirtation, advances and/or propositions of a sexual nature; continued or repeated verbal abuse of a sexual nature; repeated insults, humor, jokes and/or anecdotes that belittle or demean the sexuality or the sex of an individual or a group; repeated, unwelcome comments of a sexual nature about a person's body or clothing; displays of sexually suggestive or sexually explicit objects or pictures; unnecessary physical contact such as patting, pinching, hugging or repeated brushing against the body; sexual assault; actions or suggestions indicating that benefits will be gained or lost based upon a person's response to sexual advances.

Complaints
Any person who feels that he or she has been the subject of sexual harassment through the conduct of any College student, employee or visitor may file a complaint. Such a complaint must be filed within twenty (20) business days of the latest occurrence.

A complaint against a student alleged to have engaged in sexually harassing conduct should be submitted in writing to the Vice President for Student Services and Institutional Advancement. Such a complaint will be subject to the student Disciplinary Procedures which are applicable to all violations of the Student Conduct Code and the student Disciplinary Procedures which are contained in this Student Handbook.

A complaint against a College employee alleged to have engaged in sexually harassing conduct should be submitted in writing to the College’s Compliance Officer. However, the College reserves the right to deal administratively with sexual harassment issues whenever becoming aware of their existence. Upon receipt of a written complaint, the College’s Compliance Officer is empowered to conduct or initiate an adequate, reliable and impartial investigation of the charge. The College’s Compliance Officer will make a determination as to whether sexual harassment occurred and, if so, the appropriate disciplinary action to be imposed. If termination, suspension or demotion of the employee is determined to be appropriate, the College’s Compliance Officer will conduct or initiate an adequate, reliable and impartial investigation of the charge. The College’s Compliance Officer will make a determination as to whether sexual harassment occurred and, if so, the appropriate disciplinary action to be imposed. If termination, suspension or demotion of the employee is determined to be appropriate, the College’s Compliance Officer will recommend appropriate action to the College President. The College President will determine what action is appropriate in response to such complaints against visitors.

Compliance Officer
The Compliance Officer is the Human Resources Director. To contact the College’s Compliance Officer:

Redlands Community College
Human Resources Director
1300 South Country Club Road
El Reno, OK 73036-5304
(405) 422-1267
Investigation of Complaints
Investigations will be conducted in such a manner as to ensure that an adequate, reliable and impartial investigation is done to include the opportunity to present witnesses and other evidence. Investigation of complaints of sexual harassment generally will include interviewing and obtaining written statements from the complainant, the accused and any witnesses or other persons with information relevant to the complaint. Any and all pertinent evidence may be gathered and considered. The evidence as a whole, the totality of the circumstances and the context in which the alleged incident(s) occurred, will be considered by the investigator. The investigation will be completed within fifteen (15) business days of receipt of the complaint, unless extenuating or mitigating circumstances exist.

Upon a clear showing that immediate harm to the complainant or the accused may occur in the course of performance of either party's regular duties or responsibilities, the College’s Compliance Officer and the proper Vice President or President of the College may suspend or reassign those duties or responsibilities, pending resolution of the complaint.

Resolution of Complaints
After a complaint of sexual harassment has been investigated, it may be resolved by agreement of the complainant and the accused. Absent such an agreement, the person charged with responsibility for investigating the complaint will proceed in accordance with the provisions of this procedure.

Right to Appeal
Any party has the right to appeal the determination in writing within twenty (20) business days of the date of the determination to his/her Division Vice President by requesting a hearing according to the provisions of Procedure 416. If no appeal is filed within the twenty (20) business day period, the case is considered closed.

Anti-Retaliation
The College will not tolerate retaliation in any form against a person who files a grievance in accordance with the above policies and procedures. In addition, the College will take all necessary steps to ensure that no recurrence of any harassment or discrimination takes place and will take steps to correct its discriminatory effects on the complainant and others, if appropriate. All formal student complaints are to be recorded and maintained in a secure file on the “Student Complaint Log” in the office of the Vice President of Student Services.

STUDENT ACTIVITIES
All student activities, except intercollegiate events, are coordinated through the office of the Director of Athletics/Student Activities. Students are encouraged to become involved with campus activities. Opportunities are available for social growth and the development of leadership qualities.

Intercollegiate Activities
Athletic Teams
Redlands Community College is a member of the National Junior College Athletic Association and the Bi-State West Athletic Conference. The mascot is the Cougar. Competitive sports include:

- Women’s Volleyball
- Women’s Basketball
- Women’s Golf
- Men’s Baseball
- Men’s Basketball

Honors Program
The RCC Honors program offers academically talented students stimulating class experiences and interaction with other exceptional students. This program promotes academic excellence challenging students to achieve their full potential. Students may enter the RCC Honors program by meeting one of these criteria: High school GPA of 3.5 on a 4.0 scale; ACT score of 22; or enter as a probationary honors student and when 9 hours of honors credit is completed with no grade below a “B,” the student may be admitted to the program. For further information, contact the Honors Director.

Equestrian Team
RCC’s students compete in the Intercollegiate Horse Show Association. In the competitions students ride in western horsemanship classes, which include rail work and a pattern. In rail work, riders are asked to walk, jog and lope their horses along the rail. During the pattern segment, riders are expected to complete patterns of various degrees of difficulty, depending upon their experience level; patterns sometimes including loping and trotting circles, side stepping, backing and riding figure eights. The team competes in state and national competitions.

Livestock Judging Team
Redlands Community College has an active Livestock Judging Team on which team members learn the fundamentals of judging livestock and presenting oral reasons. The RCC Livestock Judging Team competes in state and national competitions.

Mind Games Academic Team
Redlands Community College has an academic bowl team that participates in the KSBI
channel 52 televised "Mind Games." Each week Oklahoma colleges compete for the title of the state's smartest school. Mind Games is considered the varsity sport of the mind with challenging questions ranging across the college curriculum. The RCC team also meets regularly to practice and scrimmage other teams in preparation for the on air competition.

STUDENT CLUBS AND ORGANIZATIONS

The official student activities calendar is maintained in the Student Services Center. All requests for official college-sponsored events must be submitted on the proper form to the Student Activities director at least one week prior to the event. The request must be signed by the sponsor and the president of the organization. Request forms are available in the Student Services Center.

ACES
Adult Continuing Education Support provides a forum for adult student participation.

Aggie Club
The main objective of the Aggie Club is to promote western heritage through activities involving competition and participation in agriculture-related events.

Art Club
The purpose of the Art Club is to promote a higher interest and knowledge of the fine arts. The club meets twice a month for presentations, show and tell, field trips, workshops and much more. All RCC students are welcome to join and attend activities.

Baptist Collegiate Ministries
Baptist Collegiate Ministries is an organization which provides opportunities for Christian nurture, fellowship and service. Membership is open to students of all faiths.

Black Student Leadership Organization
The Black Student Leadership Organization promotes Black culture, cultivation and fellowship among qualified students of RCC.

College Republicans
College Republicans promotes the principles and ideals of the Republican Party process. Activities are designed to help shape and mold those basic ideals with participation in the process; to inform students of republican beliefs on issues; and to encourage participation in the political process on the college campus.

Criminal Justice Club
The Criminal Justice Club is dedicated to professionalism in the area of justice and public safety.

Environmental Club
The Environmental Club's purpose is to inform and involve members, the college and the community in environmental awareness.

Fellowship of Christian Athletes
FCA is an organization open to all students, but the primary focus is to present to athletes and coaches and to all whom they influence, the challenge and adventure of receiving Jesus Christ as Lord, serving Him in their relationships and in the fellowship of the church.

Fencing Club
The Fencing Club encourages physical fitness through the sport of fencing.

Journalism Club
The Journalism Club supports the journalism program through contributing to the understanding and appreciation of the field of journalism.

Native American Club
The Native American Club promotes awareness in and an appreciation of the Native American experience.

Outdoor Adventure Club
The Outdoor Adventure Club is intended to educate students in outdoor survival and adventure recreation skills. This organization will also allow students to experience outdoor sports and activities such as camping, rock climbing, water skiing, snow skiing, ropes courses and more.

Phi Theta Kappa
Phi Theta Kappa is the largest international honor society for American two-year colleges. Membership in PTK is conferred on those two-year college students who have established academic excellence, as judged by the college faculty. Initiates must have completed at least 12 hours of two-year college work, must be judged of good moral character and must possess qualities of good citizenship. To be eligible for membership in the Alpha Beta Upsilon chapter, initiates must have met these requirements and have obtained a 3.25 GPA for one semester. After becoming a member of PTK, it is necessary to maintain a 3.0 GPA in order to remain a member in good standing.

Phi Theta Kappa Alumni Gamma
Phi Theta Kappa Alumni Gamma of Oklahoma Alumni chapter is a community-based organization for members of PTK who wish to continue their participation in the
society after leaving the two-year college. Any person who joined PTK while attending a two-year college is eligible for membership in this organization. Gamma chapter serves primarily as a support group for Alpha Beta Upsilon chapter, but also offers its members opportunities to participate in PTK activities at the local, regional and international levels.

Photography Club
The Photography Club strives to inspire people to enjoy photographs and photo safari.

Students in Free Enterprise (SIFE)
SIFE is a nonprofit organization that gives students the tools to learn the free enterprise system in a real working situation. The mission of SIFE is to learn, practice and teach the principles of the free enterprise system through educational outreach projects, designed to target members from the community. RCC SIFE members are challenged to take what they’re learning in the classroom and use their knowledge to better their communities. At the end of each school year, SIFE teams present the results of their community projects at regional, national and even international competitions. SIFE membership is open to Redlands Community College students of all academic majors.

Student Nursing Association
The RCC Student Nursing Association is designed to advance the professionalism of nursing students by giving them the chance to meet each other and their instructors in a non-structured setting, as well as to meet students from around the state at conventions. Both category I and category II nursing students can join the group, which combines professional development with instruction and community service.

Student Senate
The Student Senate provides an avenue of communication between the student body, faculty and the administration. It is a form of government which allows students to express their views and interests while encouraging school spirit and unity among all students.

Young Democrats
The Young Democrats meet to stimulate an active interest in governmental affairs and to perpetrate the high ideals and principles of the Democratic Party in young people.

RECREATIONAL OPPORTUNITIES
Fitness for Life
Full-time students may participate free of charge in the Fitness for Life program, a noncredit community service which provides access during specified time periods to the college indoor swimming pool, the fitness wellness center, the racquetball court, the walking area in the gym and the dry and steam saunas. Anyone living in the RCC service area may purchase individual or family passes for this program from the Athletic Office by calling 405-422-1418.

Fitness Wellness Center
Fitness workout equipment, treadmills and stationary bicycles are available. RCC students may use the Fitness Wellness Center during specified times with a valid student ID. Times vary each semester. For current information call 422-1418.

Gymnasium
The gymnasium may be used for walking and stretching exercises from 6 to 9 a.m. and from 12 to 1 p.m., Monday through Friday.

Natatorium
The RCC Natatorium features a six-lane, 42-feet wide, 75-feet long, 152,000-gallon swimming pool. RCC students may use the pool during specified times with a valid student ID. Times vary each semester.

Racquetball
RCC students may use the racquetball courts with a valid student ID. Hours are: 6 a.m. to 8 p.m., Monday through Friday and 8 a.m. to 12 p.m. on Saturday.

Saunas
RCC students may use the dry and steam saunas with a valid student ID. Hours are: 6 a.m. to 8 p.m., Monday through Friday and 8 a.m. to 12 p.m. on Saturday.

Supervision of Children
Individuals too young to be admitted to RCC are required to be under the supervision of a responsible adult at all times while on campus. Students are not allowed to bring children to class or to any of the instructional laboratories.

The security officer on duty should be notified if unattended children are observed or if poorly supervised children interfere with the educational process. Adult students who are responsible for disruptive children may be subject to disciplinary procedures.

Athletic Game Schedules
Athletic schedules are available at www.redlandscc.edu.

BOOKSTORE
The Bookstore, managed by Follett Higher Education Group, carries required textbooks and accompanying supplies. In addition, the Bookstore offers RCC clothing and gifts, class rings and many other items.
The Bookstore is located in the Ray Porter Academic Complex and is open Monday - Friday, 8:00 a.m.-5:00 p.m. Summer hours are Monday-Thursday, 8:00 a.m.-5:00 p.m. and Friday, 8:00 a.m.-2:00 p.m. The Bookstore also has extended back-to-school rush hours. Please check with the Bookstore for these hours.

Refunds are given during the first two weeks of class during regular semesters. A receipt is required. The book must be in the condition in which it was purchased. The Bookstore buys back books every day. Check prices and order textbooks on-line 24 hours a day at efollett.com. Major credit cards are accepted. Financial aid can be used on Follett web site.

The bookstore can be accessed online at www.redlandscce.edu.

EMPLOYMENT SERVICES
Employers may contact the college through Career Education requesting assistance in locating either part-time or full-time employees. Computerized job listing services are also available. A limited number of students are employed by RCC as departmental assistants.

EARLY COLLEGE AWARENESS
Concurrent Enrollment
By enrolling in concurrent classes available through Redlands Community College, high school students can begin earning their college degree while still in high school. The classes taken will satisfy general education requirements at virtually every institution of higher education in Oklahoma as well as most other states. Students who wish to concurrently enroll should contact their high school counselor for enrollment instructions or call Student Services at 422-1417 for more information.

Upward Bound Program
Upward Bound is a special program designed for a select number of high school students who have the potential to continue their education beyond high school and achieve success in college. Students currently attending high school in Calumet, El Reno, Geary, Hinton, Kingfisher, Minco, Okarche and Union City and meet the federal guidelines for the program may be eligible to participate. Upward Bound offers individualized instruction in a spectrum of academic areas, counseling, tutoring, career education, leadership training, motivational activities, cultural enrichment and other services.

Students who complete the Upward Bound program are eligible to participate in the bridge component, which allows students to take up to nine hours of college classes the summer after their graduation from high school.

FOUNDATION AND ALUMNI
The Foundation
The RCC Foundation, Inc. was established in 1976 for the sole purpose of providing support for programs and activities which strengthen the quality of instruction and expand educational opportunities for students enrolled at RCC.

The RCC Foundation, Inc. is governed by a Board of Directors and managed by an Executive Director. The Board of Directors is responsible for managing all contributions and assets of the RCC Foundation in a responsible manner in order to ensure maximum benefit for RCC.

The RCC Foundation, Inc. is legally and fiscally separate from RCC and is a 501(c)(3) charitable corporation organized under the laws of the state of Oklahoma. Contributions to the RCC Foundation may be tax deductible.

Alumni and Friends Association
The RCC Alumni & Friends Association was organized in 1986 to benefit the students, faculty and former students of the college by participating in various community activities and events. Scholarships are awarded to qualifying RCC students for the fall semester. Each year, the association hosts an after-graduation reception which allows the family, friends and faculty an opportunity to celebrate the accomplishments of the students. During the first week of fall and spring semesters, volunteers assist in the college bookstore as well as greet new and returning students to the campus.

CAFETERIA
Located in the Bass Student Center, the cafeteria offers fast-food service Monday - Friday until 5pm, during the school semester.

MEDICAL EMERGENCIES
Accidents on campus requiring emergency assistance should be reported to Security.

The following traffic and parking regulations apply to any person operating a motor vehicle on campus:

Traffic and Parking Regulations
- all vehicles must have a current RCC parking decal on display
- parking is allowed only in designated areas
- no parking or driving is allowed on grass areas
- students shall not park in areas marked handicapped parking or loading and unloading zone without a special permit.
- traffic flow directions published by the physical plant
director must be followed
• the speed limit in driveways on campus is 15 miles per hour
• the speed limit in parking areas on campus is 10 miles per hour

Fines may be assessed for violation of RCC traffic and parking regulations. Vehicles found in violation of the parking regulations may be immobilized. Such immobilized vehicle will be released only upon payment of a $5 fine for each violation. Repeated violations of traffic or parking regulations may lead to denial of the offender’s right to bring a motor vehicle on campus.

In order to provide a safe and healthy working and learning environment, the use and consumption of alcohol, illegal drugs and tobacco in any form is prohibited in all buildings and vehicles of RCC.

Security
Campus security is available during normal business hours, after hours and on weekends. If it is a life threatening situation, call 911 immediately. If you are using a campus office phone, call 9-911. Tell them what you need and where you are. For security assistance, call 422-6200 at any time. Tell them what you need and where you are.

Student ID Cards
All students must obtain a student identification card. The student ID card will be used to print in the computer labs and for making copies on the campus copy machines. The identification card must be used when cashing personal checks or picking up any funds being released at the college Business Office. Your ID may also be used for free admission to athletic events, fitness for life center and the natatorium. The student ID card is available in the RCC Physical Plant building as part of the enrollment procedure.

COMMUNITY SERVICE
RCC’s office of Community Service has a broad mandate to serve as a liaison between the campus population and the communities served by the college. The office supports the mission of the college and shares its vision by providing programming, activities and opportunities designed to enhance the learning, cultural, economic and social environment locally, regionally and globally. The college strives to bring a broad range of cultural activities and programs for students and residents living in the region through activities and programs, including art and educational exhibits, public performances, Kids College and several academic and cultural events throughout the year.

LEARNING RESOURCES CENTER
Hours: Monday-Thursday 8:00 a.m.-8:00 p.m.; Friday 8:00 a.m.-5:00 p.m.; Saturday 10:00 a.m.-2:00 p.m. (Changes in hours will be posted in advance.)

The A.R. Harrison Learning Resources Center (LRC) is an integral part of the educational program of RCC and is located at the north end of the Multimedia Lifelong Learning Center. The LRC is open daily for group and individual study, research and leisure reading. It provides appropriate resources required for class assignments, personal enrichment and information needs, including books, periodicals, audiovisual materials and electronic databases. Access to materials in the LRC is provided through the online catalog (http://lrcls2pac.redlandscc.edu); books not held locally are available through interlibrary loan and the OK-Share program. Reserve materials, Internet access and printer/copier are also available for student and community use in the LRC.

Electronic Services Offered
RCC students can access full-text articles from thousands of magazines, newspapers, and scholarly journals, as well as ebooks and streaming videos, through library databases. Most of these resources are not available on the Internet, or require a fee to access them, but are provided to RCC students and faculty at no charge. These electronic resources can be read online, printed, or forwarded to an e-mail address. In the LRC students can also read e-mail, use Microsoft Office software, search the Internet, and access online courses.

The LRC maintains a web page at http://library.redlandscc.edu. Through this website students can access LRC databases off campus and search a worldwide catalog to identify items to be obtained through interlibrary loan. Other research tools include links to online style guides, scholarly websites and research tutorials.

Information Commons
Hours: The Commons is open to students and the public whenever the LRC is open and/or there are classes in session in the Multimedia Lifelong Learning building.

The Information Commons houses PC-based computers for student use. Students may conduct research, work on projects and papers or access the Internet. Students using computers on any Redlands campus must comply with the Network Acceptable Use Policy and Procedures in the following section.

NETWORK ACCEPTABLE USE POLICY

Statement of Policy
Redlands Community College has made significant investments in computer and communications technology
to promote and support the exchange of information in furtherance of the mission and goals of the College. Use of these resources must be consistent with the mission, goals and policies of the College and must be in compliance with applicable law.

Applicability of Policy
This policy applies to all use of the College computer network, equipment and software (collectively, the “College Network”) for any purpose.

Authorized Users
The authorized users of the College Network are those persons who are members of the College community or who have specific authorization to use the College Network. For purposes of this policy, the students, employees and staff of Redlands Community College are considered to be the members of the college community.

Disclaimer of Liability
Redlands Community College is not responsible for and shall not be held liable for, the actions of users of the College Network, or for damages caused or suffered by such users. Further, Redlands Community College is not responsible for and shall not be held liable for, any loss of data, for delays, non-deliveries, mis-deliveries or for service interruptions. Redlands Community College is not responsible for the accuracy or quality of information obtained through use of the College Network.

Suspension and Revocation of Privileges
Access to and use of the College Network is a privilege. Inappropriate or unauthorized use will be grounds for suspension or revocation of network access and use privileges. Any use or attempted use of the College Network which is in violation of any applicable College policies or procedures will be grounds for suspension or revocation of network access and use privileges.

Standards and Conditions of Use
Use of the College Network must be in compliance with all applicable College policies and procedures. The standards and conditions of use are specified in the Procedures section of the Policies and Procedures Manual.

Network Acceptable Use Procedures
1. Suspension and Revocation of Privileges:
   An authorized user’s privilege of accessing and using the College Network (as defined in Policy 507.2) may be suspended or revoked by the Vice President of Contracted, Continuing and Online Education or his/her designee.

2. Grounds for Suspension or Revocation of Privileges:
   A. Inappropriate or unauthorized use or attempted use of the Network.
   B. Use or attempted use which is in violation of any applicable College policy or procedure, including the Standards and Conditions of Use in Procedure 507:6:1.
   C. Loss of status as an authorized user (as defined in Policy 507.3) for any reason.

3. Procedure:
   Any time that the Vice President for Academic Affairs has reason to believe that grounds for suspension or revocation of a user’s privileges exist, the Vice President for Academic Affairs is authorized to suspend the user’s privileges, without prior notice. Any such suspension will be followed by notice of the suspension to the user and by a determination of whether the user’s privileges should be revoked. If access and use privileges are revoked, the affected user will be notified. If reinstatement of privileges is possible, the affected user will be notified of the conditions and requirements for reinstatement.

4. Standards and Conditions of Use:
   The following standards and conditions of use are applicable to all users of the College Network (“the Network”), as defined in the Acceptable Use of College Network Policy 507.
   A. The Network shall not be used in violation of any College policy or procedure, any city, state or federal law, or any contractual obligation of the College.
   B. Use of the Network must be in compliance with the standards of the Oklahoma Higher Education OneNet Network. [http://www.onenet.net/clientservices/clientservices.htm]
   C. Use of the Network to disrupt the function of the Network or other network(s) is prohibited. Distribution of viruses or other programs that would disrupt, damage or destroy computer software, data and/or equipment is prohibited.
   D. Use of the Network for commercial purposes is prohibited. Solicitations that are not related to the College’s mission and goals are not allowed.
   E. Software shall not be installed on, copied or
downloaded from the Network without the express written consent of the Vice President of Contracted, Continuing and Online Education.

F. Hardware shall not be connected to the Network without the express written consent of the Vice President of Contracted, Continuing and Online Education.

G. Attempting to obtain or obtaining unauthorized access to another user’s computer or data through use of the Network is prohibited.

H. Users shall comply with all applicable copyright laws.

I. Personal files and data shall not be saved or stored on the Network.

J. Users shall not allow the display on Network computer screens of images, sounds or messages that could create an atmosphere of discomfort, harassment or intolerance to others in the vicinity.

K. Users shall not use the Network to engage in any conduct that is calculated to harass or to cause embarrassment, shame or intimidation.

L. Users shall not misuse or damage any component of the Network or take action calculated to cause any such damage.

M. Unauthorized use or attempted unauthorized use of the Network is considered misuse of the Network and is grounds for suspension and/or revocation of a user’s access and use privileges.

N. Academic and research activities shall be given priority in the event of a conflict over use of the College computer lab resources. The priorities for use of the College computer lab resources are:

- First: Redlands Community College students, organizations and groups that have reserved exclusive use of the lab;
- Second: Redlands Community College students who are enrolled in classes that require the use of specific programs that are on the computers in the College computer lab (e.g., CAI, Basic College Reading/Writing);
- Third: Redlands Community College students and faculty who wish to access data processing, indexing or textual information from the Network or the Internet.
- Fourth: Persons who are not students or staff of Redlands Community College but have reserved use of the computer lab to access data processing, indexing or textual information from the Network or the Internet.

O. Users shall not rely upon Redlands Community College staff who monitor or supervise the computer lab to provide training in computer or Internet usage.

P. A fee of Ten Cents ($ .10) per page will be charged for material that is printed on the College’s computer lab printers.

Q. Users who are disruptive will be asked to leave the computer lab and, if necessary, will be removed by security personnel.

R. Users whose conduct is in violation of any standard or condition of use contained in this procedure will be asked to leave the computer lab immediately and, if necessary, will be removed by security personnel.

5. Users are strongly discouraged from bringing children under twelve (12) years of age into the computer lab and person under the age of sixteen (16) must be accompanied by an adult while in the computer lab. Children are not authorized users of the College Network. If a child is disruptive in the computer lab, the child and the adult accompanying the child will be asked to leave and, if necessary, will be removed by security personnel.

Technology Assistance
Please contact the RCC Technology Helpdesk at helpdesk@redlandscc.edu or 405-422-1288 for help with access issues in regards to:

- IETV
- myRCC portal
- Online courses
- RCCConnect
- Student e-mail

The Helpdesk hours are: Monday – Friday 7:30 a.m. – 10:30 p.m.; Saturday 8:00 a.m. – 5:00 p.m. and Sunday 1:00 – 5:00 p.m.

DRUG-FREE SCHOOLS AND COMMUNITIES ACT
Statement of Policy
The basic intent of the Drug-Free Policy is to insure that Redlands Community College will maintain a drug-free environment.
Compliance
Redlands Community College will comply in spirit, as well as in fact, to the Drug-Free Schools and Communities Act Amendments of 1989.

Policies to Prevent Abuse
Redlands Community College recognizes its responsibility as an educational and public service institution to promote a healthy and productive environment. This responsibility demands an implementation of programs and services which facilitate that effort. The College is committed to a program to prevent the abuse of alcohol and the illegal use of drugs and alcohol by its students and employees. The College program includes this policy which prohibits illegal use of drugs and alcohol in the workplace, on College property, or as part of any College-sponsored activities. In order to meet these responsibilities, College policy:

1. Requires all students and employees to abide by the terms of this policy as a condition of initial and continued enrollment/employment.
2. Recognizes that the illegal use of drugs and alcohol is in direct violation of local, state and federal laws as well as policy, which strictly prohibits the illegal use, possession, manufacture, dispensing and/or distribution of alcohol, drugs or controlled substances in the workplace, on its premises or as a part of any College-sponsored activities.
3. Considers a violation of this policy to be a major offense which can result in satisfactory participation in a drug or alcohol rehabilitation program, referral for criminal prosecution and/or immediate disciplinary action up to and including termination from employment and suspension or expulsion from the College. A criminal conviction is not required for sanctions to be imposed upon an employee or student for violations of this policy.
4. Recognizes that violations of applicable local, state and federal laws may subject an incarceration, imprisonment and/or community service requirements. Convictions become a part of an individual’s criminal record and may prohibit certain career and professional opportunities. A current listing of applicable local, state and federal sanctions may be obtained through the Student Services Center.
5. Requires an employee to notify his or her supervisor in writing of a criminal conviction for drug- or alcohol-related offenses occurring in the workplace no later than five calendar days following the conviction.
6. Provides access, through referral, to counseling services for counseling and training programs which inform students and employees about the dangers of drug and alcohol abuse. Voluntary participation in or referral to these services is strictly confidential.
7. Forbids an employee from performing sensitive safety functions while a prohibited drug is in his or her system.
8. Mandates drug testing of sensitive safety employees prior to employment, when there is reasonable cause, after an accident and before returning to duty after refusing to take a drug test or after not passing a drug test. (Sensitive safety employees are defined in CFR Volume 32, Part 280 and CFR Volume 49 Part 653. This legislation is available for review in the Student Services Center).
9. Provides for annual distribution of this policy to all staff, faculty and students.

Health Risks
Health risks generally associated with alcohol and drug abuse can result in, but are not limited to, a lowered immune system, damage to critical nerve cells, physical dependency, lung damage, heart problems, liver disease, physical and mental depression, increased infection, irreversible memory loss, personality changes and thought disorders.

The Student Services Center and the Business Office staff are responsible for disseminating information to students and employees about the dangers of drug and alcohol abuse and availability of counseling and rehabilitation programs. The appropriate vice president is responsible for notifying federal funding agencies within ten (10) calendar days whenever an employee is convicted of a drug-related crime which occurred in the workplace. This policy is based on the Drug Free Workplace Act of 1988, (P.L. 100-690, Title V, Subtitle D) and the Drug Free Schools and Communities Act Amendments of 1989 (P.L. 101-226).

RELEASE OF STUDENT INFORMATION AND ACCESS TO STUDENT RECORDS
Public Law 93.380 (also known as the Buckley Amendment, also known as the Family Educational Rights and Privacy Act of 1974 as amended) has reference to the release of student information. The law permits the release of directory information unless the student requests this information not be released.

Directory information as defined by RCC includes the student’s name, major, classification, address, telephone number, Redlands email address, participation
in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, enrollment status (full-time/part-time), degrees and awards received, photograph and the name of the institution attended immediately prior to admission to RCC.

Students wishing to withhold directory information at any point during their time enrolled at Redlands must notify the Registrar’s Office. The Registrar’s Office must be notified in writing, via an in-person visit, fax or email from the student’s own Redlands email account. The Registrar’s Office is located in the Ray Porter building on the Redlands Community College campus at 1300 S. Country Club Road, El Reno, OK 73036. The fax number for the Registrar’s Office is (405) 422-1242 and the email address is records@redlandscc.edu. In the written notice, the student must give his/her name, address, telephone, student ID number and a statement requesting a block on his/her directory information.

NOTIFICATION OF RIGHTS UNDER THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

The Family Educational Rights and Privacy Act (FERPA) afford students certain rights with respect to their education records. These rights are:

1. The right to inspect and review the student’s education records within 45 days of the day the College receives a request for access. Students should submit to the registrar, vice president, head of the academic department or other appropriate official, written requests that identify the record(s) they wish to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The rights to request the amendment of the student’s education records that the student believes are inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the College official responsible for the record, clearly identify the part of the record they want changed and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment.

Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosures of personally identifiable information contained in the student’s education records except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the College in an administrative, supervisory, academic or support staff position; a person or company with whom the College has contracted (such as an attorney, auditor or collection agent); a person serving on the Board of Regents; or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the College discloses educational records without consent to officials of another school in which a student seeks or intends to enroll. Another exception which permits disclosure without consent is disclosure to relevant College, law enforcement or other officials as related to a health or safety emergency. Disclosure without consent is permitted in specifically-defined health and safety emergencies that may affect the student him/herself, other students or employees and visitors to the College. Disclosure of confidential information to parents, if the student is enrolled in a college-level course, is not permitted regardless of the student age. Written consent from the student must be given to the College that specifies the type of information to be released, to whom the information may be released and the time period for which the written consent is valid. For more information about the disclosure guidelines in FERPA, please visit the FERPA website at:

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is: Family Policy Compliance Office; U.S. Department of Education; 400 Maryland Avenue, SW. Washington, D.C. 20202-4605
# Campus Phone Directory

**Main College Number:** 405-262-2552  
**Toll Free:** 1-866-415-6367

<table>
<thead>
<tr>
<th>Service</th>
<th>Extension</th>
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</thead>
<tbody>
<tr>
<td>AAA Center (assessment, tutoring, testing)</td>
<td>422-6274</td>
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<tr>
<td>Admissions</td>
<td>422-1417</td>
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<tr>
<td>Allied Health and Nursing Division</td>
<td>422-6224</td>
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<tr>
<td>Workforce &amp; Economic Development</td>
<td>422-1271</td>
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<td>AIMS Program</td>
<td>422-1434</td>
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<td>Athletics</td>
<td>422-1418</td>
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<td>Bookstore</td>
<td>422-1270</td>
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<td>Business Office</td>
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<td>Community Service</td>
<td>422-1464</td>
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<td>Cooperative Education</td>
<td>422-1271</td>
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<tr>
<td>Darlington Education and Applied Research</td>
<td>422-1423</td>
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<tr>
<td>Emergency on campus (security)</td>
<td>422-6200</td>
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<td>Equine Center</td>
<td>262-5838</td>
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<td>Events/Use of Facilities</td>
<td>422-1281</td>
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<td>Financial Aid</td>
<td>422-6250</td>
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<tr>
<td>Fitness for Life (to enroll)</td>
<td>422-1418</td>
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<td>Food Service</td>
<td>422-1261</td>
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<td>Foundation &amp; Alumni</td>
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<td>GOALS Program</td>
<td>422-6263</td>
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<td>CAMS, DF &amp; PA</td>
<td>422-1289</td>
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<td>Select Physical Therapy</td>
<td>422-1291</td>
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<tr>
<td>Helpdesk</td>
<td>422-1288</td>
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<td>Learning Resources Center</td>
<td>422-1254</td>
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<td>Liberal Studies &amp; Management Sciences Division</td>
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<td>PACES (Psychology, Agriculture, Child Development, Equine Science, and Sociology) Division</td>
<td>422-1423</td>
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<tr>
<td>Physical Plant</td>
<td>422-1400</td>
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<tr>
<td>President</td>
<td>422-1258</td>
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<tr>
<td>Public Information</td>
<td>422-1490</td>
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<tr>
<td>Registrar &amp; Records</td>
<td>422-6238</td>
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<td>Student Activities</td>
<td>422-1417</td>
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<td>Student Services</td>
<td>422-1417</td>
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<td>Upward Bound Program</td>
<td>422-1250</td>
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<tr>
<td>Vice President for Academic Affairs</td>
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<td>Vice President of Finance and Campus Services</td>
<td>422-1410</td>
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<td>Vice President of Grants Development and Applied Research</td>
<td>422-1447</td>
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<tr>
<td>Vice President of Student Services and Institutional Advancement</td>
<td>422-1490</td>
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<tr>
<td>Vice President Workforce &amp; Economic Development</td>
<td>422-1271</td>
</tr>
<tr>
<td>Weight Room (Fitness For Life)</td>
<td>422-2666</td>
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</tbody>
</table>
ARTICULATION-TRANSFERRING CREDITS
A student who has completed the Associate in Arts or Associate in Science degree requirements at RCC may transfer into a bachelor’s degree program at any senior institution in the Oklahoma State System of Higher Education and be assured of completing a program of studies in an orderly fashion. These assurances are a part of the articulation policy of the Oklahoma State Regents for Higher Education. Copies of the entire Policy Statement on Articulation of Students Among Institutions in the Oklahoma State System of Higher Education are available for student viewing in the Student Services Center.

CLASSIFICATION OF STUDENTS
Freshman
0-30 hours earned

Sophomore
31 or more hours earned

Full-Time Student
A student enrolled in 12 credit hours or more during a regular semester or six credit hours or more during a summer session.

Less than Full-Time Student
9-11 credit hours are classified three-quarter time
6-8 credit hours are classified half time
5 or less credit hours are classified less than half time

GRADING SYSTEM
Final grades are reported for each student for every course undertaken accordingly.

Grades Used in calculating Grade Point Average (GPA) is calculated on a 4.0 basis as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
<th>Grade Point Per Hour</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Below Average</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
</tbody>
</table>

Other Symbols
I—To receive an I grade, the student should have satisfactorily completed 70% of the required course work for the semester. The time limit will be at the discretion of the instructor and will not exceed one calendar year.

AU—Audit status is available for any person eligible for regular enrollment, with the consent of the registrar. Audit status is used for the student not interested in obtaining a course grade, but who is enrolled simply to get course information. The deadline to change enrollment status from a credit to an audit will be the eighth week of a 16-week semester or the fourth week of an 8-week semester. If a student wishes to change to an audit after the deadline, he or she must have the instructor’s permission. The student who is in audit status must adhere to the instructor’s policies on course work and attendance.

W—An automatic withdrawal grade of W is issued when a student initiates a withdrawal during the institution's allowable withdrawal period. An institution's withdrawal period for an automatic W shall begin after the 10th day of classes in the regular session and the fifth day of classes in the summer term and shall not exceed 12 weeks of a 16-week semester or, in general, not exceed three-fourths of the duration of any term. For any drop or withdrawal accepted after this deadline, a W or F will be assigned, depending upon the student's standing in the class. If an F grade is assigned, it is calculated in the student's GPA; the W grade is GPA neutral. Any drop or withdrawal after this deadline will be issued a W or F depending on the academic standing of the student and upon a recommendation by the faculty member and division director. The Vice President of Academic Affairs will review all W and AW submissions occurring after the 12th week.

AW—Administrative withdrawal may be assigned by the Vice President of Academic Affairs to indicate a student has been involuntarily withdrawn by the institution during the designated semester for disciplinary or financial reasons or inadequate attendance. Such institutional penalties must follow formal institutional procedures. Administrative withdrawals are GPA neutral.

P/F—An institution may elect to use pass-fail as an option for students in specified courses. The pass grade indicates hours earned but does not contribute to the GPA. The fail grade is an F and is calculated into the GPA.

S/U—An institution may elect to use S and U for specified courses. These grades are neutral and are not used as attempted or completed credit hours. These
grades will be used for physical education activity courses and military science courses.

**Grading Scale**
Grade Definition Grade per points semester hour
A* Excellent .................................................. 4
B* Good ...................................................... 3
C* Average .................................................. 2
D* Passing .................................................. 1
F* Failure ................................................... 0
I Incomplete ................................................. 0
I/F* Incomplete (Not Removed) .................. 0
W Withdrawal/Passing ................................. 0
P Satisfactory Completion ......................... 0
AU Audit-No Credit ...................................... 0
AW Administrative Withdrawal/ Non-Attendance 0
*Used in calculating GPA

**Appeal of Grades**
When a student believes a final grade is inaccurate, a grade appeal may be initiated. The appeal will follow a specified procedure. The grade appeal must be initiated within one full semester after the grade was given. A full semester means fall or spring semester.

A. Students wishing to appeal a grade must first discuss the grade with the instructor who assigned it.

B. If a student desires further action, a written summation of the grade appeal should be submitted to the appropriate Division Director. After the written appeal is received, a meeting will be scheduled within one week by the Division Director. The student, the instructor and the Division Director will be present in the meeting. Within 24 hours after the meeting, the Division Director will arrive at a decision and will submit this decision in writing to the instructor and to the student.

C. If the student or the instructor desires to appeal further, he or she should appeal to the Appeals Committee. Within one week after receiving the decision from the Division Director, the written appeal must be submitted to the Vice President of Academic Affairs who will, in turn, notify the Appeals Committee. The Committee will meet within one week after the Vice President of Academic Affairs receives the written appeal.

D. The Appeals Committee, chaired by the Chairperson of the Standing Institutional Committee on Academic Affairs and Curriculum, will consist of one (1) faculty member appointed by the President of the College, one (1) faculty member appointed by the President of the Faculty Association, one (1) counselor appointed by the Vice President of Student Services, one (1) faculty member appointed by the Division Director involved in Step B. At this point the student and/or the instructor may designate and identify one (1) other person to be present and participate in the hearing. The name and official capacity of this person must be stated in the written appeal sent to the Vice President of Academic Affairs. The student, the instructor and the Division Director will also be present.

The Appeals Committee will reach its decision by secret ballot reflecting a simple majority. The student and the instructor shall be notified in writing within 24 hours. The action of the Appeals Committee is binding.

**Final Grades**
Instructors are required to submit to the Registrar’s Office a final semester grade for each student whose name appears on the official roll and grade sheet. The official records of student grades are permanently filed in the Records Office.

**Grade Changes**
A grade recorded in error may be changed only by the instructor within the following semester. All other requests for grade changes will be approved by the instructor, the appropriate division director and the Vice President of Academic Affairs, in accordance with OSRHE Policy 3.11.6.

**Repeated Course Work**
A student shall have the prerogative to repeat courses and have only the second grade earned if the grade is a D or an F, regardless of whether it is lower than the first grade, count in the calculation of the GPA. The second course with its grade will be listed in the semester earned. The Explanation of Grades section of the transcript will note only the second grade earned is used in the calculation of the retention and graduation GPAs. If a student repeats an individual course more than once, all grades earned, with the exception of the first, are used to calculate the retention and graduation GPAs.

**ACADEMIC LOAD**
A student is considered full time when enrolled in 12 or more credit hours during a semester. However, a student who plans to complete a degree program in two years should remember degree requirements vary and the minimum number of credit hours for degree completion is 60. No student will be permitted to enroll in more than 18 semester hours during any traditional semester without permission of the Vice President of Academic Affairs.
RETENTION STANDARDS
The following standards determine the retention of students at RCC. Failure to meet these standards will result in the student being placed on academic probation and, unless corrected, academic suspension.  
0-30 semester hours attempted—1.70 retention GPA  
when semester hours exceed 30—2.00 retention GPA

ACADEMIC PROBATION
Any student not maintaining satisfactory progress toward his or her academic objective as indicated above will be placed on probation for one semester. At the end of that semester, he or she must have a semester GPA of 2.0 of regularly graded course work, not to include activity or performance courses, or meet the minimum retention GPA standard required above, in order to continue as a student. Students not meeting either of these criteria will be immediately suspended and may not be reinstated until one regular semester—fall or spring—has elapsed.

ACADEMIC SUSPENSION
A student placed on academic suspension will not be allowed to re-enroll for one full semester. Students who have been placed on academic suspension may be readmitted after the lapse of one full semester—not including summer. They will be readmitted on probation. If a student is suspended for a second time, the student cannot enroll at RCC without attending another accredited school and acquiring a 2.0 GPA. Students that are placed on academic suspension for the first time may appeal their suspension status by submitting a written request to the Director for Enrollment Management.

ADDING AND DROPPING COURSES
All changes of enrollment must be initiated with a student’s adviser and brought to the Registrar’s Office. The addition of classes is allowed only during the first two weeks of a 16-week semester and during the first week of an eight-week course.

CLASS ATTENDANCE
Students are expected to attend classes in which they are enrolled. It is the responsibility of the student to consult with the instructor when they must be absent. Instructors have the option of determining whether an absence is excused or unexcused and can initiate the procedure for granting an administrative withdrawal or “AW” for non-attendance.

EXTRA-INSTITUTIONAL CREDIT
Extra institutional learning is defined as learning that is attained outside the sponsorship of legally authorized and accredited post-secondary institutions. The term applies to learning acquired from work and life experiences, independent reading and study, the mass media and participation in formal courses sponsored by associations, business, government, industry, the military and unions.

A maximum of 32 semester hours toward a degree or half of the hours required for a certificate may be granted for extra institutional credit (including but not limited to Advanced Standing, CLEP, DANTES, credit by examination, Advanced Placement credit and credit for military training).

Students applying for extra institutional credit must be enrolled at RCC. No credit will be posted until 12 semester hours of regular academic work are completed and are currently enrolled at RCC. The courses for which credit is awarded will be recorded with a P on the transcript with a notation signifying how the credit was earned. Credit may not be earned in a course when a course of more advanced standing has been completed.

Documentation in support of requests for extra institutional credit should be submitted to the Registrar’s Office. These documents will become a part of the student’s official records and will be retained by the college. There is a per credit hour transcripting fee for all extra institutional credits.

TESTING AND CREDIT BY EXAMINATION
Students are offered the opportunity to earn a maximum of 32 semester hours of credit by examination, by Advanced Standing, the College Level Examination Program—CLEP, the Defense Activity for Non-Traditional Educational Support—DANTES or the Advanced Placement program. No tuition charges are assessed for credit by examination; however, the student must pay the designated examination fee. Credit may not be earned in a course when a course of more advanced standing has been completed.

Advanced Standing
No tuition charges are assessed for credit by examination. However, the student must pay the Advanced Standing examination fee or the CLEP examination fee, depending upon the exam being taken.

Forms for initiating the Advanced Standing Examination procedure may be obtained in the Testing Center in the Learning Resources Center, 21-A.

College Level Examination Program — CLEP
In order to register for the College Level Examination Program (CLEP), students must contact the Testing Center, LRC 21-A for a registration form.

Credit will be granted in a designated course if students achieve the score of 50 or above on a CLEP test.
For those courses requiring an essay component, i.e., ENGL 1113 and ENGL 1213, a passing score is required on the essay as well as on the objective portion. Essays will not be critiqued for students. Scores for ENGL 1113 and ENGL 1213 are calculated by taking one-half of the scaled score and adding to that score the number of points granted for the essay.

In some instances, students may test out of two semesters of work based on CLEP scores. Contact the Testing Center for more information on specific score requirements.

Credit may not be earned in a course when a course of more advanced standing has been completed. Typically, students will be notified by mail within one week following the return of scores from CLEP whether they will or will not receive credit in courses for which tests were taken. At that time credit for courses earned through CLEP tests will be posted on the student’s transcript.

**DANTES Examination**

The Defense Activity for Non-Traditional Educational Support—DANTES (or DSST) is a credit-by-examination program, similar to CLEP. By utilizing both the DANTES and CLEP programs, students have access to a wide variety of credit-by-examination opportunities.

Registration for DANTES is handled through the Testing Center, LRC 21-A.

Credit for courses earned through DANTES tests will be posted on the student’s transcript after the conclusion of the term during which the credit was earned—provided the student has completed 12 semester hours or more through regular enrollment in courses.

**Advanced Placement Program**

Redlands Community College grants credit for exams in the Advanced Placement (AP) program as administered by the College Entrance Examination Board in Princeton, New Jersey. The AP tests are taken by high school students in May of their junior or senior year of high school. Credit at Redlands will be granted in a corresponding course for a score of three, four or five on an examination.

**Advanced Placement Plan or Articulation for Nursing Program**

The Advanced Placement Plan allows LPNs, EMTs and Paramedics to receive credit by examination for the first two semesters of nursing major course work in the program.

**Evaluation of Military Service**

Veterans with a minimum of six months of active military service may receive the following credits by submitting a copy of their separation papers—DD Form 214 or DD 215—to the Registrar’s Office:

- Fitness for Life—3 credits
- Personal Health—2 credits

Veterans interested in receiving college credit for military training must submit completion certificates, AARTS transcript, CCAF transcript, evaluation forms or other proof of completion to the Registrar. Evaluation is as recommended by the Guide of the Evaluation of Educational Experiences in the Armed Services, published by the American Council on Education.

Copies of discharge and/or official service records must be submitted to the Registrar’s Office for credit. Redlands Community College may accept, modify or reject military training credit, depending upon the evaluation.

**Transfer of Credit from other Accredited Colleges and Universities**

Semester credit hours earned at another college may be applied toward a degree or certificate program at Redlands Community College. The credit must have been earned from colleges and universities accredited by the HLC or other regional associations.

The Registrar’s Office will make the determination of acceptance of any course to be accepted for transfer to RCC. Credit will be evaluated from each individual college transcript. The number of credit hours to be accepted and the applicability of such evaluated credit will also be determined at that time.

Applicability of evaluated courses to a particular program at RCC is made by the academic division of the specific curriculum in accordance with the recommendation for transfer from the Office of the Registrar.

**TRANSCRIPTS**

The Registrar’s Office will send student transcripts upon the student’s request, in writing, to any college or agency named.

The Family Educational Rights and Privacy Act require the confidential nature of student records be preserved. Transcripts of college work will be released only if the student has signed a written statement requesting such information be released. See the Student Privacy Right.

Before grades and transcripts are released, all financial obligations to RCC must be satisfied.

**GRADUATION REQUIREMENTS**

**Application for Graduation**

Spring and summer graduation candidates should apply for graduation no later than March 31. Applications will be accepted after the March 31 date, but these applicants will not be eligible for consideration for academic awards
for that graduating class. Fall graduation candidates should submit application for graduation by November 15. This application will initiate action toward a complete transcript evaluation to determine eligibility for graduation.

Graduation exercises are held at the close of the spring semester. Attendance is required of all graduates. An application to be excused from graduation is available in the Registrar’s Office and must be approved by the Vice President of Academic Affairs.

All required records, such as high school transcripts, ACT scores and college transfer transcripts, must be on file to graduate from Redlands Community College.

**Degree Awards**

Graduation with an associate’s degree from RCC requires a student to have completed the program requirements with a retention graduation GPA of 2.0. While a student may earn a GPA of 2.0 which includes one or more grades of D, it is well to remember grades below C may not fulfill graduation requirements in some programs.

For the associate’s degree, a student must complete 15 hours in residency at RCC. Correspondence classes and credit by examination may not be used toward the resident credit hour requirement. No more than one-half of the work required for any degree or certificate may be taken by correspondence and credit by examination.

Summer graduation candidates may participate in the spring graduation ceremonies if they need nine hours or less to complete graduation requirements. The required hours needed to complete graduation requirements must be taken during the summer term. Graduation candidates that need more than nine hours to finish degree requirements will need to apply as a December graduate.

The diploma will be presented following the successful completion of the required course work and the clearing of all obligations at the institution.

**Additional Degrees**

An additional degree for a different program may be earned by accumulating an additional 15 credit hours in residence at RCC above those submitted for the first degree. A minimum GPA of 2.0 must be attained on the 15 appropriate additional hours submitted. The specific degree and program requirements for the second degree must be successfully completed.

Advanced standing credits may not be used for the additional degree hours. For certificates, a minimum of six additional credit hours will be required.

**Program Degree Procedures**

Degree seeking students should follow the course requirement pattern for the academic area program selected as outlined in the catalog in effect at the time of entry. The program requirements remain in effect as long as continued, uninterrupted enrollment is maintained, with the exception of summer terms. A readmitted student must follow a program plan specified by the current academic year catalog.

A student needing assistance in planning a program of study should request the assistance of personnel in the Student Services Center. Any substitution of course requirements listed for the associate’s degree must be recommended by the division director and approved by the Vice President of Academic Affairs. The course substitution document must be filed in the Registrar’s Office. A student has the option of meeting new degree requirements adopted since the date of enrollment.

**Commencement Procedure**

At least one semester before they plan to complete their degree requirements, students should begin the commencement procedure as follows:

- Final official transcripts from all schools attended and ACT scores must be on file at RCC before an official program plan can be prepared.
- A final check of the program and an application plan for graduation should take place in the Registrar’s Office before the time of enrollment for the last semester of attendance.
- Once grades are recorded for the final semester of enrollment, a final review will take place and students will be contacted as to their status.

Degrees are conferred three times yearly; at the close of the fall, spring and summer terms. Commencement ceremonies are held at the conclusion of the spring semester only. Summer graduation candidates participate in the preceding spring ceremony. The graduation date indicated on the Redlands Community College transcript will be the last official day of the semester at the close of the fall, spring or summer terms.

**HONORS AND AWARDS**

**Honor Rolls**

A President’s Honor Roll, published at the close of each regular term, includes the names of students who have completed 12 or more hours and have a GPA of not less than 3.8, with no grade less than a “B”—excluding 0-level courses. A Vice President’s Honor Roll is published similarly and includes the names of students who have completed 12 or more hours of work and have a GPA of 3.50 to 3.79, with no grade less than “C”—excluding 0-level courses.
Commencement Honors
Students who have completed at least 64 semester hours prior to commencement are eligible for consideration for the following honors:

- Summa Cum Laude ................ 3.75 - 4.00 cumulative GPA
- Magna Cum Laude ................. 3.50 - 3.74 cumulative GPA
- Cum Laude ............................. 3.25 - 3.49 cumulative GPA

President's Award
The graduating sophomore completing all degree work by the end of the spring semester of graduation, completing all course work in residence at RCC and having the highest cumulative GPA will be recognized as the recipient of the President's Award. This award will be awarded only one time to an individual. If a student has received the award while earning a first degree, the President's Award cannot be awarded to the same earning a second degree.

Academic Scholars Award
This award is given to a student completing all work by the end of the spring semester of graduation and having the highest cumulative GPA, not qualifying for the President's Award and completing the last 30 semester hours in residence. This award will be given only one time to an individual.

Honors Graduates
A student may graduate as an RCC “Honors” student with 15 hours of honors credit completed while maintaining a cumulative GPA of 3.25 with no grade lower than a “B” in honors course work. For further information, contact the Honors Director.

DEGREES, PROGRAMS and CERTIFICATES
Redlands Community College offers Associate in Arts, Associate in Science and Associate in Applied Science degrees, as well as Certificates of Mastery in the areas listed in Section II—Programs of Study of this catalog.

- The Associate in Arts degree provides students with a general education background and allows them to take specialized courses within their major and minor fields prior to transferring to a four-year institution.
- The Associate in Science degree provides students with a general education background and allows them to take specialized courses within their major and minor fields prior to transferring to a four-year institution.
- The Associate in Applied Science degree is a two-year program which gives students a minimum general education background and a specialization in a selected technical program.
- The Certificate of Completion may be a one, two or three semester program with concentration within a prescribed field of study. The objectives of these programs may be to prepare the student for immediate job entry, to help the student upgrade skills within an existing job, to aid in the preparation for a change in careers or to provide opportunities for personal satisfaction.

Transferring General Education Courses
It may be necessary for students to take additional courses in general education to meet minimum professional certification requirements, as defined by the state of Oklahoma, i.e. health and physical education, geography, Oklahoma history, etc., for teacher education certification. The completion of these requirements does not preclude requirements of senior institutions of particular grade for points for admission to professional departments or fields.

Note: State requirements for professional programs may change; therefore, pre-professional degree requirements outlined in this catalog may change. Always check with Student Services to make sure your program has not changed as a result of new state requirements.

Course Descriptions
The number assigned to each course reflects specific information:

- The first digit denotes course level.
- Courses numbered 0001 to 0999 are zero-designation courses, which satisfy remediation requirements and do not count toward the completion of the student’s college degree.
- Courses numbered 1000 to 1999 are primarily freshman level courses.
- Courses numbered 2000 to 2999 are primarily sophomore level courses.
- The second and third digits identify the course within the total offerings of the department.
- The fourth digit denotes the number of credit hours assigned to the course. Courses offered for a variable number of credit hours end with the numbers 1-5.

ASSOCIATE IN ART - A.A. AND ASSOCIATE IN SCIENCE - A.S. DEGREES
Requirements for graduation include the completion of a minimum of 60 semester hours of academic work with at least a 2.0 GPA. 15 semester hours of which must be in residence at RCC. General education requirements must comprise 37 of the minimum 60 semester hours.
General Education Requirements for the A.A. and A.S. Degree ........................................................ 37 Hours
A portion of the 60 semester credit hours required for the A.A. and A.S. degrees must include a general education core of a minimum of 37 semester credit hours which shall include the following:

**English** ............................................................ 6 hours
ENGL 1113 English Composition I
ENGL 1213 English Composition II

**Social Studies** .................................................. 6 hours
HIST 1483 United States History to 1877 or
HIST 1493 United States History, 1877 to Present
POLS 1113 United States Government

**Science** .......................................................... 7-8 hours
Includes one 3- or 4-hour course in Life Science and one 3- or 4-hour course in Physical Science (One must be a lab science).

**Humanities** ...................................................... 6 hours
Choose from the following courses:
ART 1113 Art Appreciation I
ART 1123 Art Appreciation II
ENGL 2413 Introduction to Literature
ENGL 2423 Introduction to Fiction
ENGL 2433 American Literature I
ENGL 2443 American Literature II
ENGL 2453 Introduction to Poetry
HUM 2001-3 Humanities Seminar
HUM 2113 General Humanities I
HUM 2173 Beliefs and Believers
HUM 2223 General Humanities II
HUM 2243 Film as Literature
HUM 2613 Leadership Development
MUS 1343 Music Appreciation
PHIL 1113 Introduction to Philosophy
PHIL 1413 Contemporary Ethical Reasoning

**Mathematics** ..................................................... 3 hours
Must be a 1000 or 2000 level course.

**Selected General Ed Requirements** ......................... 6-8 hours
At least one course from the following areas:
Psychology, social sciences, foreign languages, fine arts (art, music, drama). Additional liberal arts and sciences courses as needed to meet the minimum total of 37 credit hours required in this policy.

**Institutional Requirements** .................................. 3 hours
The Oklahoma State Regents for Higher Education requires students to demonstrate **computer proficiency**—defined as competency in the use of a variety of software and networking applications. At Redlands Community College, this competency requirement is met by completing one of the following two options:

1. Successful completion of Advanced Standing Exam for CMSC.
2. Successful completion of one of the following Course options:
   - AGRI 2113 Microcomputers in Agriculture
   - CMSC 1213 Computer Science
   - CMSC 1223 Business Applications Software
   - CMSC 1233 Spreadsheet Applications
   - CMSC 1243 Database Applications
   - CMSC 1373 Operating Systems

**Program Requirements** ........................................ 23+ hours
The remaining minimum of 23 semester credit hours of academic work shall be applicable to the student's major objective, including any prerequisite courses necessary for his or her anticipated upper-division program.

**ASSOCIATE IN APPLIED SCIENCE DEGREES**
The requirements for graduation shall include the completion of a minimum of 60 credit hours with a minimum 2.0 GPA, 15 hours of which must be completed in residence at RCC.

General Education Requirements for the A.A.S. Degree ............................................................... 18 Hours
A portion of the 60 semester credit hours must include a general education core of a minimum of 18 semester credit hours which shall include the following:

**Communications** ................................................ 6 hours
ENGL 1113 English Composition I
ENGL 1213 English Composition II or
ENGL 2033 Technical Writing and Professional Report Writing
Refer to specific degrees.

**Social Studies** .................................................. 6 hours
HIST 1483 United States History to 1877 or
HIST 1493 United States History, 1877 to Present
POLS 1113 United States Government.

**Selected General Ed. Requirements** ......................... 6 hours
Electives may be selected electives, approved or free electives from the following areas: science, mathematics, human relations, management, behavioral science, economics and communication. Refer to specific degrees.

**Technical-Occupational Specialty Courses** ............. 27+ hours
Courses which are in the major area of emphasis for the student, i.e., equine courses for the equine major. Refer to specific degrees.

**Support and Related Courses** ......................... 0-15 hours
Courses which are not a part of the technical-occupational specialty, but which support the specialty, i.e., Human Anatomy and Physiology for nursing. Refer to specific degrees.

**Electives** ..................................................... 0-4 hours
A minimum of 60 credit hours is required for the completion on the Associate in Applied Science degree. In addition to the required general education courses, a minimum of 60 credit hours is required for the completion on the Associate in Applied Science degree. In addition to the required general education courses, a student must take the required courses designated within the program. Electives can be taken to total 60 credit hours if the program allows. Refer to specific degrees.

CERTIFICATE OF MASTERY PROGRAMS
A number of programs are available to students who want intensive training in a specialized area, but do not want to enter a two-year curriculum. The time required to complete a certificate program is one, two or three semesters, depending upon the number of specialized courses required.

Requirements for the awarding of a certificate in a like degree program must be completed and applied for before the degree program requirements are completed.
SECTION II-PROGRAMS OF STUDY

The following programs and degrees offered are listed alphabetically in this section. Degrees are listed as Associate in Science (AS), Associate in Arts (AA), Associate in Applied Science (AAS) and Certificate of Mastery.

ALPHABETICAL LIST

Agriculture (AS) (ten option areas)
  Agricultural Communication
  Agricultural Economics
  Pre Agriculture Education
  Animal Science
  Animal Reproduction
  Equine Science
  Enology
  Farm and Ranch Management
  General Agriculture
  Viticulture

Applied Technology (AAS) (five option areas)
  Aviation Technology
  Computer-Aided Drafting
  Health Technology
  Industrial Technology Power Generation
  Information Technology

Art (AA)

Athletic/Personal Trainer (AS) (two option areas)
  Athletic Trainer
  Personal Trainer

Pre-Professional Sciences (AS)
  (three option areas)
    Life Science
    Physical Science
    Mathematics

Business Administration Technology (AAS)
  (seven option areas)
    Accounting
    Administrative Assistant
    International Business
    Legal Office Professional
    Management
    Medical Coding and Reimbursement
    Medical Transcription

Business Administration (AA)

Child Development (AAS)

Child Development (Certificate of Mastery)
LISTED BY DEGREE:

ASSOCIATE IN SCIENCE
- Agriculture (ten option areas)
- Agricultural Communication
- Agricultural Economics
- Pre Agriculture Education
- Animal Science
- Animal Reproduction
- Equine Science
- Enology
- Farm and Ranch Management
- General Agriculture
- Viticulture

Athletic/Personal Trainer (two option areas)
- Athletic Trainer
- Personal Trainer

Pre-Professional Sciences (three option areas)
- Life Science
- Physical Science
- Mathematics

ASSOCIATE IN ARTS
- Art
- Business Administration
- Criminal Justice
- Pre-Education Elementary

Enterprise Development (two option areas)
- Business Administration
- General Studies

Family Studies and Child Development
- General Studies
- Psychology

ASSOCIATE IN APPLIED SCIENCE
- Applied Technology (five option areas)
  - Aviation Technology
  - Computer-Aided Drafting
  - Health Technology
  - Industrial Technology Power Generation
  - Information Technology

- Business Administration Technology (seven option areas)
  - Accounting
  - Administrative Assistant
  - International Business
  - Legal Office Professional
  - Management
  - Medical Coding and Reimbursement
  - Medical Transcription

- Child Development

CAREER CERTIFICATE PROGRAMS
- Certificate of Mastery
  - Child Development

- Certificate of Mastery
  - Enology
  - Viticulture
AGRICULTURE
Associate in Science

General Requirements: Total Hours: 64 Minimum GPA: 2.0

Program Description: The program of study offered in agriculture is designed to provide both comprehensive and specialized training to prepare graduates for careers in a wide range of fields of agriculture. Students have a choice to select one of eleven (11) option areas of study: Agriculture Communications, Agriculture Economics, Pre Agriculture Education, Agronomy, Animal Science, Animal Reproduction, Equine Science, Enology, Farm & Ranch Management, General Agriculture, Viticulture. Upon completion of the Associate in Science Degree, students are prepared for additional education at a four year university or have skills sufficient for employment.

General Education Requirements ........................................................................................................................... 37 hours
Area Min. Hours Courses
Communications 6 ENGL 1113 English Composition I
ENGL 1213 English Composition II
Social Science 6 HIST 1483 U.S. History to 1877 or
HIST 1493 U.S. History, 1877-Present
POLS 1113 U.S. Government
Life Science 4 BISC 1114 Biology with Lab
Physical Science 5 CHEM 1315 General Chemistry I with Lab or
CHEM 1215 General Chemistry with Lab
Humanities 6 ART 1113 Art Appreciation I
ART 1123 Art Appreciation II
ENGL 2413 Introduction to Literature
ENGL 2423 Introduction to Fiction
ENGL 2433 American Literature I
ENGL 2443 American Literature II
ENGL 2453 Introduction to Poetry
HUM 2001-3 Humanities Seminar
HUM 2113 General Humanities I
HUM 2173 Beliefs and Believers
HUM 2223 General Humanities II
HUM 2613 Leadership Development
MUS 1343 Music Appreciation
PHIL 1113 Introduction to Philosophy
PHIL 1413 Contemporary Ethical Reasoning
Mathematics 3 MATH1493 Contemporary Math or
MATH1513 College Algebra
Selected General 4 AGEC 1374 Introduction to Agricultural Economics
Ed Requirements 3 SPCH 1113 Fundamentals of Speech

Program Requirements ............................................................................................................................................ 24 hours

Program Core Requirement .................................................................................................................................... 12 hours
Area Min. Hours Courses
Agricultural Sciences 8 AGRI 1101 Agriculture Orientation
ANSI 1124 Introduction to Animal Science
AGRI 2193 Agriculture Industry Internship or
AGRI 2303 Agriculture Leadership
Agriculture Electives 4 AGRN 1124 Introduction to Soil Science or
AGRN 1214 Introduction to Plant Science

Program Option Requirements ............................................................................................................................... 12 hours
Select one option from: Agriculture Communications
Agriculture Economics
Pre Agriculture Education
Animal Science
Animal Reproduction
Equine Science
Enology
Farm & Ranch Management
### Institutional Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
<th>Note</th>
</tr>
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<tbody>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>AGRI 2113</td>
<td>Microcomputers in Agriculture or fulfillment of computer literacy.</td>
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<td></td>
<td></td>
<td></td>
<td>See page 41 for options.</td>
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</table>
## AGRICULTURE OPTION AREAS (10)

### Associate in Science

#### Agricultural Communications Option Requirements

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<td>AGRI 2103 Communication in Agriculture</td>
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<td></td>
<td></td>
<td>AGRI 2303 Agriculture Leadership</td>
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<tr>
<td></td>
<td></td>
<td>AGRI 2223 Explorations in Ag Research</td>
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<tr>
<td></td>
<td></td>
<td>AGRN 1124 Introduction to Soil Science or*</td>
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<tr>
<td></td>
<td></td>
<td>AGRN 1214 Introduction to Plant Science*</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>ACCT 2173 Financial Accounting</td>
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<tr>
<td></td>
<td></td>
<td>AGEC 2143 Principles of Ag Marketing</td>
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*If asterisked courses have been taken in general education requirements, they cannot be counted toward Ag Communications Option Requirements.

#### Agriculture Economics Option Requirements

<table>
<thead>
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<th>Area</th>
<th>Min. Hours</th>
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</thead>
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<tr>
<td>Agriculture Sciences</td>
<td>6</td>
<td>AGEC 2113 Farm and Ranch Management</td>
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<td></td>
<td></td>
<td>AGEC 2143 Principles of Agricultural Marketing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACCT 2173 Financial Accounting</td>
</tr>
<tr>
<td>Accounting</td>
<td>3</td>
<td>ECON 2193 Principles of Macroeconomics or</td>
</tr>
<tr>
<td>Economics</td>
<td>3</td>
<td>ECON 2203 Principles of Microeconomics</td>
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#### Pre Agriculture Education

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<tr>
<td>Agriculture Sciences</td>
<td>6</td>
<td>AGRI 2303 Agriculture Leadership*</td>
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<tr>
<td></td>
<td></td>
<td>AGRN 1124 Introduction to Soil Science or*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AGRN 1214 Introduction to Plant Science *</td>
</tr>
<tr>
<td>Agriculture Electives</td>
<td>3</td>
<td>AGRI 2103 Communications in Ag</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 2112 Livestock Evaluation &amp; Selection</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 2142 Artificial Insemination</td>
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<tr>
<td></td>
<td></td>
<td>AGRN 2333 Range/Pasture Management</td>
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<td></td>
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<td>ANSI 2333 Livestock Fitting &amp; Grooming</td>
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<tr>
<td>Electives</td>
<td>3</td>
<td>MATH1513 College Algebra*</td>
</tr>
<tr>
<td></td>
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<td>PSY 1113 Elements of Psychology</td>
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</tbody>
</table>

*If asterisked courses have been taken in general education requirements, they cannot be counted toward Pre Agriculture Education Option Requirements.

#### Animal Reproduction Option Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
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<tbody>
<tr>
<td>Agriculture Sciences</td>
<td>5</td>
<td>ANSI 2142 Artificial Insemination*</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 2143 Anatomy and Physiology of Reproduction*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AGRI 2193 Agriculture Industry Internship or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AGRI 2303 Agriculture Leadership</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 1213 Livestock Production</td>
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<td></td>
<td></td>
<td>ANSI 2112 Livestock Evaluation and Selection</td>
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<tr>
<td></td>
<td></td>
<td>EQSC 2243 Equine Breeding &amp; Management</td>
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</table>

*Required for Option
## Animal Science Option Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
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<tbody>
<tr>
<td>Animal Science</td>
<td>12</td>
<td>AGRN 2333 Range and Pasture Management</td>
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<td></td>
<td>ANSI 2112 Livestock Evaluation &amp; Selection</td>
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<td>ANSI 2123 Livestock Feeding</td>
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<td></td>
<td></td>
<td>ANSI 2133 Advanced Livestock Evaluation &amp; Selection</td>
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<td></td>
<td></td>
<td>ANSI 2143 Anatomy and Physiology of Reproduction</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 2233 Livestock Fitting and Grooming</td>
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<td></td>
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<td>ANSI 2142 Artificial Insemination</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 2163 Beef Production</td>
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<td></td>
<td></td>
<td>AGRI 2223 Explorations in Ag Research</td>
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<td>AGRN 1124 Introduction to Soil Science or*</td>
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<tr>
<td></td>
<td></td>
<td>AGRN 1214 Introduction to Plant Science*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACCT 2173 Financial Accounting</td>
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*If asterisked courses have been taken in general education requirements, they cannot be counted toward Animal Science option requirements.

## Equine Science Option Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
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<tbody>
<tr>
<td>Equine Science</td>
<td>12</td>
<td>EQSC 1113 Introduction to Equine Science</td>
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<tr>
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<td></td>
<td>EQSC 1213 Horsemanship</td>
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<td>ANSI 2123 Livestock Feeding</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 2143 Anatomy and Physiology of Reproduction</td>
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<tr>
<td></td>
<td></td>
<td>EQSC 2122 Equine Judging</td>
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<td></td>
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<td>EQSC 2132 Advanced Equine Judging</td>
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<td></td>
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<td>EQSC 2193 Equine Industry Internship</td>
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</table>

## Enology Option Requirements

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<tr>
<th>Area</th>
<th>Min. Hours</th>
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<tr>
<td>Enology</td>
<td>12</td>
<td>ENO 1112 Principles of Enology I</td>
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<tr>
<td></td>
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<td>ENO 1121 Sensory Evaluation</td>
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<td></td>
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<td>ENO 2112 Principles of Enology II</td>
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<td></td>
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<td>ENO 2122 Analysis of Must and Wine</td>
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<td></td>
<td></td>
<td>ENO 2132 Winery Operations</td>
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<tr>
<td></td>
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<td>ENO 2972 Vineyard and Winery Marketing</td>
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<td>ENO 2101-2104 Winery Practicum</td>
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## Farm & Ranch Management Option Requirements

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<th>Area</th>
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<tr>
<td>Agriculture</td>
<td>12</td>
<td>AGRN 2333 Range &amp; Pasture Management</td>
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<td>Sciences</td>
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<td>AGEC 2143 Principles of Agricultural Marketing</td>
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<tr>
<td></td>
<td></td>
<td>AGEC 2113 Farm and Ranch Management</td>
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<td>ANSI 2163 Beef Production</td>
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<td>ANSI 2123 Livestock Feeding</td>
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## General Agriculture Option Requirements

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<td>AGRI 2223 Explorations in Ag Research</td>
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<td>AGRI 2303 Agriculture Leadership</td>
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<td>AGRN 1124 Introduction to Soil Science or*</td>
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<td>AGRN 2333 Range and Pasture Management</td>
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<td>ANSI 2132 Adv. Livestock Eval. &amp; Selection</td>
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<td>ANSI 2142 Artificial Insemination</td>
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<td></td>
<td>ANSI 2143 Anatomy/Physiology of Reproduction</td>
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<td>ANSI 2163 Beef Production</td>
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<td></td>
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<td>ANSI 2233 Livestock Fitting &amp; Grooming</td>
</tr>
</tbody>
</table>
Elective  ACCT 2173  Financial Accounting

*If asterisked courses have been taken in general education requirements, they cannot be counted toward General Agriculture option requirements.

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Viticulture</td>
<td>12</td>
<td>VIN 1111 Oklahoma Vineyard Management</td>
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<tr>
<td></td>
<td></td>
<td>VIN 1113 Principles of Viticulture I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 1121 Global Terroir</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2111 Integrated Pest Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2112 Principles of Viticulture II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2221 Vineyard Technology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2972 Winery Tasting Room Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2101-2104 Vineyard Practicum</td>
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**Viticulture Option Requirements**

<table>
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<tbody>
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<td>12 hours</td>
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<tr>
<td></td>
<td>12</td>
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<tr>
<td>Viticulture</td>
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<td>VIN 1111 Oklahoma Vineyard Management</td>
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<tr>
<td></td>
<td></td>
<td>VIN 1113 Principles of Viticulture I</td>
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<tr>
<td></td>
<td></td>
<td>VIN 1121 Global Terroir</td>
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<td></td>
<td>VIN 2111 Integrated Pest Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2112 Principles of Viticulture II</td>
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<tr>
<td></td>
<td></td>
<td>VIN 2221 Vineyard Technology</td>
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<tr>
<td></td>
<td></td>
<td>VIN 2972 Winery Tasting Room Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2101-2104 Vineyard Practicum</td>
</tr>
</tbody>
</table>
APPLIED TECHNOLOGY
Aviation Technology Option
Associate in Applied Science

General Requirements: Total Hours: 65 • Minimum GPA: 2.0
Program Description: This program provides experience in aircraft shop practice, maintenance and repair.

GENERAL EDUCATION REQUIREMENTS ........................................................................................................ 18 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
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<td>6</td>
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<td></td>
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<tr>
<td></td>
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<td>ENGL2033 Technical Writing &amp; Reporting</td>
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<td>HIST 1483 U.S. History to 1877 or</td>
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<td>HIST 1493 U.S. History, 1877 to Present</td>
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<td>POLS 1113 U.S. Government</td>
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<tr>
<td>Selected General Ed Requirements</td>
<td>3</td>
<td>SPCH 1113 Fundamentals of Speech* or</td>
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<td></td>
<td>SPCH 2313 Interpersonal Communications</td>
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TECHNICAL-OCcupATIONAL SPECIALITY COURSES ........................................................................ 30 hours

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<tbody>
<tr>
<td>Aviation*</td>
<td>30</td>
<td>ATEC1113 Aviation Electricity*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ATEC1519 Aviation-General*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ATEC2319 Aviation-Airframe*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ATEC2519 Aviation-Power Plant*</td>
</tr>
</tbody>
</table>

*These courses are offered through Canadian Valley Technology Center. Courses may be waived with a valid Department of Transportation Federal Aviation Administration Mechanic Certificate with Airframe and Powerplant ratings.

SUPPORT AND RELATED COURSES ........................................................................ 14 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tr>
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<td>14</td>
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<tr>
<td></td>
<td></td>
<td>PHYS 1115 Physics with Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECON 2193 Macroeconomics or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECON 2203 Microeconomics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MGMT 2033 Principles of Management</td>
</tr>
</tbody>
</table>

INSTITUTIONAL REQUIREMENTS ........................................................................ 3 hours

Must fulfill computer literacy requirement. See page 41 for options.
# Applied Technology

**Computer-Aided Drafting Option**  
Associate in Applied Science

**General Requirements:** Total Hours: 60 • Minimum GPA: 2.0  
**Program Description:** This program emphasizes basic computer aided drafting; technical, architectural and structural drafting.

**General Education Requirements**  

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
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<td>Communications</td>
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<td>ENGL 1113 English Composition I</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 1213 English Composition II*</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 2033 Technical Writing &amp; Reporting</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
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<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
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<tr>
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<td>POLS 1113 U.S. Government</td>
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<td>Selected General Ed</td>
<td>6</td>
<td>MATH 1513 College Algebra</td>
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<td>MATH 1613 Trigonometry</td>
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**Technical-Occupational Specialty Courses**  

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<th>Courses</th>
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<tr>
<td>Computer Aided Drafting*</td>
<td>30</td>
<td>CAD 1114 Basic Drafting*</td>
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<tr>
<td></td>
<td></td>
<td>CAD 1024 Introduction to CAD*</td>
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<tr>
<td></td>
<td></td>
<td>CAD 2034 Advanced CAD*</td>
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<tr>
<td></td>
<td></td>
<td>CAD 2124 Residential Architectural Drafting* or</td>
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<tr>
<td></td>
<td></td>
<td>CAD 2314 Manufacture Drafting</td>
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<tr>
<td></td>
<td></td>
<td>CAD 2133 Commercial Architectural Drafting* or</td>
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<td></td>
<td>CAD 2313 Civil Drafting</td>
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<tr>
<td></td>
<td></td>
<td>CAD 2013 CAD Presentation Graphics*</td>
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<tr>
<td></td>
<td></td>
<td>CAD 2394 Specialty Design Project* or</td>
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<tr>
<td></td>
<td></td>
<td>CAD 2324 Pipe Drafting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CAD 2294 Advanced Specialty Design Project*</td>
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</tbody>
</table>

*These courses are offered through Canadian Valley Technology Center.

**Support and Related Courses**  

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td>5</td>
<td>PHYS 1115 Physics with Lab</td>
</tr>
<tr>
<td>Computer Science</td>
<td>1</td>
<td>CMSC 1251 Windows Operating Systems</td>
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<tr>
<td>Management</td>
<td>3</td>
<td>MGMT 2103 Occupational/Technical Internship</td>
</tr>
</tbody>
</table>

**Institutional Requirements**  

Must fulfill computer literacy requirement. See page 41 for options.
# Applied Technology
## Health Technology Option
### Associate in Applied Science

**General Requirements:** Total Hours: 64 Minimum GPA: 2.0

**Program Description:** This program is for the student to gain concentrated training in areas of the health care field. Students will put their knowledge to use with actual clients during clinical rotations in hospitals, rehabilitation centers and other health-related agencies.

### General Education Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Communications</td>
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<td>ENGL1113 English Composition I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL1213 English Composition II* or</td>
</tr>
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<td></td>
<td></td>
<td>ENGL2033 Technical Writing &amp; Reporting</td>
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<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
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<td>HIST 1493 U.S. History, 1877 to Present</td>
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<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
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<tr>
<td>Speech</td>
<td>3</td>
<td>SPCH 1113 Fundamentals of Speech* or</td>
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<td></td>
<td>SPCH 2313 Interpersonal Communications</td>
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<tr>
<td>General Ed Electives</td>
<td>3</td>
<td>Select from: Allied Health, Art, Business,...</td>
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</table>

### Program Requirement

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
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<tbody>
<tr>
<td>Allied Health Science</td>
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<td>AHS 1123 Medical Terminology</td>
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<tr>
<td>Surgical Technology</td>
<td>30</td>
<td>HTEC2116 Surgical Technology Theory I*</td>
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<td>HTEC2124 Surgical Technology Clinical I*</td>
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<td></td>
<td></td>
<td>HTEC2136 Surgical Technology Theory II*</td>
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<td></td>
<td></td>
<td>HTEC2144 Surgical Technology Clinical II*</td>
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<tr>
<td></td>
<td></td>
<td>HTEC2156 Surgical Technology Theory III*</td>
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<td></td>
<td>HTEC2164 Surgical Technology Clinical III*</td>
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</tbody>
</table>

These courses may be waived with a valid certification from the National Board of Surgical Technology and Surgical Assisting.

### Support and Related Courses

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Electives</td>
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<td>Select from General Education Electives</td>
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<tr>
<td>PSY 1113</td>
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<td>BISC 1114</td>
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<td>General Biology with Lab or</td>
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<tr>
<td>MICR 2135</td>
<td></td>
<td>Microbiology with Lab or</td>
</tr>
<tr>
<td>ZOOL2134</td>
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<td>Human Anatomy with Lab</td>
</tr>
</tbody>
</table>

### Institutional Requirements

Must fulfill computer literacy requirement. See page 41 for options.

*These courses are offered through Canadian Valley Technology Center.*
APPLIED TECHNOLOGY
Industrial Technology/Power Generation Option
Associate in Applied Science

General Requirements: Total Hours: 60 • Minimum GPA: 2.0

Program Description: OG&E employees who have successfully completed the coursework and job performance measures (2,080 hours) at the OG&E Energy Corporation in the areas of Plant Operation, Instrumentation and Control, Plant Electricians and Plant Mechanics are eligible to enroll under this program. Upon completion of their apprenticeship program, they may transfer those hours into the Associate of Applied Science Applied Technology Industrial Technology/Power Generation Option at Redlands Community College.

GENERAL EDUCATION REQUIREMENTS ......................................................................................................................... 18 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL1113 English Composition I</td>
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<td>ENGL1213 English Composition II* or</td>
</tr>
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<td></td>
<td></td>
<td>ENGL2033 Technical Writing &amp; Reporting</td>
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<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
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<td>POLS 1113 U.S. Government</td>
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<tr>
<td>Math</td>
<td>3</td>
<td>MATH 1513 College Algebra or</td>
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<td>MATH 1483 Contemporary College Math</td>
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<td>3</td>
<td>CMSC 1113 Computer Concepts and Applications or</td>
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<td>Ed Requirements</td>
<td></td>
<td>CMSC 1223 Business Applications Software</td>
</tr>
</tbody>
</table>

TECHNICAL-OCCUPATIONAL SPECIALTY COURSES ........................................................................................................ 42 hours

Students must complete the certified course work and job performance measures (2080 hours) at the OG&E Energy Corporation in the areas of Plant Operations, Instrumentation and Control, Plant Electricians and Plant Mechanics at the following levels

Apprenticeship Level C-1, C-2 and C-3

Apprenticeship Level B-1 and B-2

Apprenticeship Level A-1 and A-2

Students are required to pass certification examinations for each of the above levels before credit can be transcripted.
APPLIED TECHNOLOGY
Information Technology Option
Associate in Applied Science

General Requirements: Total Hours: 60 • Minimum GPA: 2.0

Program Description: This program is designed for the student to develop skills in overall computer repair and networking, computer programming, network administration or network security.

GENERAL EDUCATION REQUIREMENTS ........................................................................................................ 18 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
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<tbody>
<tr>
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<td>6</td>
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<td>POLS 1113 US Government</td>
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<td>6</td>
<td>PSY 1113 Elements of Psychology</td>
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<td>SOC 1113 Introduction to Sociology</td>
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</table>

TECHNICAL-OCCUPATIONAL SPECIALTY COURSES.................................................................................... 27 hours

Select one option from (Requirements for each option listed on following pages).

- Computer Programming
- Network Operating System Administration
- Web Development
- Digital Video Development

SUPPORT AND RELATED COURSES ........................................................................................................ 15 hours

<table>
<thead>
<tr>
<th>Area</th>
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<td>Business</td>
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### Applied Technology

#### Information Technology Option Areas (6)

**Associate in Applied Science**

<table>
<thead>
<tr>
<th>Computer Programming Option</th>
<th>Area</th>
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<th>Courses</th>
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</thead>
<tbody>
<tr>
<td><em>ITEC</em></td>
<td>27</td>
<td></td>
<td>ITEC 1016 PC Hardware &amp; Software*</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>ITEC 1513 Programming Fundamentals*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ITEC 1353 Network Operating Systems*</td>
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<td></td>
<td>ITEC 1613 Computer Programming I*</td>
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<td></td>
<td>ITEC 2013 Unified Modeling Language*</td>
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<td></td>
<td>ITEC 2613 Computer Programming II*</td>
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<td>ITEC 2513 Visual Programming*</td>
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<td></td>
<td>ITEC 2633 JAVA Programming*</td>
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<tr>
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<td>ITEC 2653 Database Programming*</td>
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<table>
<thead>
<tr>
<th>Network Operating System Administration Option</th>
<th>Area</th>
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<td>ITEC 1113 Fundamentals of UNIX/LINUX*</td>
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<td>ITEC 1223 Microsoft Certified Desktop Support Technician-MCTS*</td>
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<td>ITEC 1353 Network Operating Systems*</td>
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<td></td>
<td>ITEC 2113 Windows Workstation OS*</td>
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<td>ITEC 2123 Windows Server OS*</td>
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<td>ITEC 2423 Security+*</td>
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<td>ITEC 2363 Windows Network Infrastructure*</td>
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<th>Web Development Option</th>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
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<td>27</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>ITEC 1213 Color &amp; Design Theory *</td>
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<tr>
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<td></td>
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<td>ITEC 1313 Web Programming *</td>
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<td>ITEC 2223 Web Design I *</td>
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<td>ITEC 2233 Web Design II *</td>
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<td></td>
<td>ITEC 2243 Digital Web Animation Design *</td>
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<td></td>
<td>ITEC 2263 Digital Web Presentations *</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>ITEC 2283 Web Marketing &amp; Digital Advertising *</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital Video Development Option</th>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>ITEC</em></td>
<td>27</td>
<td></td>
<td>ITEC 1216 Fundamentals of Digital Media Technologies *</td>
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<tr>
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<td></td>
<td>ITEC 1213 Color &amp; Design Theory *</td>
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<td></td>
<td></td>
<td>ITEC 1543 Fundamentals of Video Production *</td>
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<td>ITEC 2543 Digital Video Editing *</td>
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<td>ITEC 2553 Digital Media Production *</td>
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<td>ITEC 2563 Digital Video Animation Design *</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>ITEC 2573 Digital Video Presentations *</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>ITEC 2583 Digital Video Marketing</td>
</tr>
</tbody>
</table>

*These courses are offered through Canadian Valley Technology Center.*
ATHLETIC/PERSONAL TRAINER
Associate in Science

General Requirements: Total Hours: 63 • Minimum GPA: 2.0
Program Description: The Athletic/Personal Trainer program is designed for students who are interested in entering the fields of corporate wellness, health/fitness clubs, fitness education programs and personal fitness training. After completing the Personal Trainer Option of this Degree, students will be ready to take one of the many fitness certification exams and begin working in the fitness field of their choice.

GENERAL EDUCATION REQUIREMENTS ................................................................. 37 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL 1113 English Composition I</td>
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<td></td>
<td>ENGL 1213 English Composition II</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History 1877 to Present</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Life Science</td>
<td>4</td>
<td>ZOOL 2134 Anatomy with Lab</td>
</tr>
<tr>
<td>Physical Science</td>
<td>5</td>
<td>CHEM 1315 General Chemistry I with Lab</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>MATH 1513 College Algebra</td>
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<td>Humanities</td>
<td>6</td>
<td>See humanities course options list on page 41.</td>
</tr>
<tr>
<td>Selected General</td>
<td>7</td>
<td>PSY 1113 Elements of Psychology</td>
</tr>
<tr>
<td>Ed Requirements</td>
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<td>ZOOL 2144 Physiology with Lab</td>
</tr>
</tbody>
</table>

PROGRAM REQUIREMENT .............................................................................. 23 hours
Select one option from: (Requirements for each option listed below.)

Athletic Trainer
Personal Trainer

Athletic Trainer Option ............................................................................... 23 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Health/Physical Education</td>
<td>20</td>
<td>HPER 1302 Introduction to Physical Education</td>
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<td>HPER 1322 Personal Health</td>
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<tr>
<td></td>
<td></td>
<td>HPER 1252 Orientation to Exercise Science</td>
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<tr>
<td></td>
<td></td>
<td>HPER 1601 Athletic/Personal Training Practicum I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HPER 1243 Introduction to Athletic Training</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HPER 2312 First Aid</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HPER 2343 Care and Prevention of Athletic Injuries</td>
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<tr>
<td></td>
<td></td>
<td>HPER 2601 Athletic Training Level 2</td>
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<tr>
<td></td>
<td></td>
<td>HPER 2593 Protective Techniques in Athletic Training</td>
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<tr>
<td></td>
<td></td>
<td>HPER 2651 Athletic Training Level 3</td>
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<tr>
<td>Allied Health Science</td>
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<td>AHS 2013 Nutrition</td>
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</table>

Personal Trainer Option ......................................................................... 23 hours

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<tr>
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<td>HPER 1302 Introduction to Physical Education</td>
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<tr>
<td></td>
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<td>HPER 1322 Personal Health</td>
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<td></td>
<td></td>
<td>HPER 1252 Orientation to Exercise Science</td>
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<tr>
<td></td>
<td></td>
<td>HPER 1601 Athletic/Personal Training Practicum I</td>
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<tr>
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<td>HPER 2103 Exercise Testing and Prescription</td>
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<td></td>
<td></td>
<td>HPER 2312 First Aid</td>
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<tr>
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<td></td>
<td>HPER 2343 Care and Prevention of Athletic Injuries</td>
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<tr>
<td></td>
<td></td>
<td>HPER 2611 Personal Training Practicum II</td>
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<td>HPER 2623 Personal Training Certification Course</td>
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<td>HPER 2661 Personal Training Practicum III</td>
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<tr>
<td>Allied Health</td>
<td>3</td>
<td>AHS 2013 Nutrition</td>
</tr>
</tbody>
</table>

INSTITUTIONAL REQUIREMENTS .................................................................. 3 hours
Must fulfill computer literacy requirement. See page 41 for options.
ART
Associate in Arts

General Requirements: Total Hours: 64 • Minimum GPA: 2.0

Program Description: The program consists of Redlands Community College degree requirements and courses generally completed in a two-year Associate in Arts Degree. When students complete the requirements of the art program, they will be eligible to transfer to a four-year institution in an art related field of study such as art education, commercial art or fine arts.

GENERAL EDUCATION REQUIREMENTS .......................................................................................................................... 37 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
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<td>ENGL1113 English Composition I</td>
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<td>ENGL1213 English Composition II</td>
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<td></td>
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<td>SPCH 1113 Fundamentals of Speech</td>
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<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
</tr>
<tr>
<td>Life Science</td>
<td>3</td>
<td>BISC, BOT, MICR, ZOOL (Lecture)</td>
</tr>
<tr>
<td>Physical Science</td>
<td>3</td>
<td>CHEM, ASTR, GEOL, PHSC, PHYS (Lecture)</td>
</tr>
<tr>
<td>Science Lab</td>
<td>1</td>
<td>BISC, BOT, CHEM, ASTR, GEOL, MICR, PHSC, PHYS, ZOOL (Lab)</td>
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<tr>
<td>Humanities</td>
<td>6</td>
<td>Choose from humanities course options list on Page 41.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>MATH 1493 Contemporary Math</td>
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<tr>
<td></td>
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<td>MATH 1513 College Algebra</td>
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<tr>
<td>Selected General</td>
<td>3</td>
<td>PSY, SOC and</td>
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<td>Ed Requirements</td>
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<td>ART, GEG, HIST, MUS, PHIL, POLS, SPA, SPCH</td>
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PROGRAM REQUIREMENTS ........................................................................................................................................... 24 hours

<table>
<thead>
<tr>
<th>Area</th>
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<tbody>
<tr>
<td>Art</td>
<td>18</td>
<td>ART 1013 Basic Art I - 2D Design</td>
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<tr>
<td></td>
<td></td>
<td>ART 1023 Basic Art II - 3D Design</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ART 1073 Color and Design</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ART 2093 Painting I</td>
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<tr>
<td></td>
<td></td>
<td>ART 2103 Painting II</td>
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<tr>
<td></td>
<td></td>
<td>ART 2233 Pottery I</td>
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<tr>
<td>Art/History</td>
<td>6</td>
<td>ART 2283 Drawing I</td>
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<tr>
<td></td>
<td></td>
<td>ART 2113 Drawing II</td>
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<td>ART 2213 Sculpture</td>
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<td></td>
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<td>ART 2263 Pottery II</td>
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<td></td>
<td></td>
<td>HIST 2123 Western Civilization, 1500 to 1815</td>
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<td>HIST 2133 Western Civilization, 1815 to Present</td>
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<td>ART 2243 Painting III</td>
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<td></td>
<td>ART 2063 Introduction to Digital Photography</td>
</tr>
</tbody>
</table>

INSTITUTIONAL REQUIREMENTS ................................................................................................................................... 3 hours

Must fulfill computer literacy requirement. See page 41 for options.
BUSINESS ADMINISTRATION TECHNOLOGY
Associate in Applied Science

General Requirements: Total Hours: 63-66 • Minimum GPA: 2.0
Program Description: All Associate in Applied Sciences degrees are designed to prepare students for entry into careers in the various areas of Business Administration: accounting, administrative assistant, international business, management, medical coding and reimbursement and medical transcription.

GENERAL EDUCATION REQUIREMENTS ........................................................................................................ 18 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Communications 6</td>
<td>ENGL 1113</td>
<td>English Composition I</td>
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<tr>
<td></td>
<td>ENGL 1213</td>
<td>English Composition II</td>
</tr>
<tr>
<td>Social Science 6</td>
<td>HIST 1483</td>
<td>U.S. History to 1877</td>
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<tr>
<td></td>
<td>HIST 1493</td>
<td>U.S. History, 1877 to Present</td>
</tr>
<tr>
<td>Selected General Ed Requirements 6</td>
<td>BISC, BOT, CHEM, ECON, HUM, MATH, MUS, ART, PSY, SOC, SPCH, CMSC, GEG, PHSC</td>
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</tr>
</tbody>
</table>

TECHNICAL-OCCUPATIONAL SPECIALTY COURSES................................................................................. 30-33 hours
Select one option from: (Requirements for each option listed on following pages.)

Accounting
Administrative Assistant
International Business
Legal Office Professional
Management
Medical Coding and Reimbursement
Medical Transcription

Program Core Requirements............................................................................................................. 15 hours

<table>
<thead>
<tr>
<th>Area</th>
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<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Business/Math 9</td>
<td>BUS 1103</td>
<td>Introduction to Business</td>
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<tr>
<td></td>
<td>BUS 2093</td>
<td>Business Communications</td>
</tr>
<tr>
<td></td>
<td>BUS 1053</td>
<td>Business Math OR</td>
</tr>
<tr>
<td></td>
<td>MATH 1513</td>
<td>College Algebra</td>
</tr>
<tr>
<td>Economics 3</td>
<td>ECON 1353</td>
<td>Personal Finance</td>
</tr>
</tbody>
</table>

Computer Science 3
CMSC 1223 Business Applications Software OR
Fulfillment of computer literacy requirement through options listed on Page 41*.

*CMSC 1223 must be completed before enrolling in any Technical/Occupational Specialty Course.
## BUSINESS ADMINISTRATION TECHNOLOGY OPTION AREAS (7)

### Associate in Applied Science

#### Accounting Option

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>21</td>
<td>ACCT 1073 College Accounting</td>
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<tr>
<td></td>
<td></td>
<td>ACCT 2173 Financial Accounting</td>
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<tr>
<td></td>
<td></td>
<td>ACCT 2183 Managerial Accounting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACCT 2213 Computerized Accounting OR ACCT 2193 Internal Control and Auditing</td>
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<tr>
<td></td>
<td></td>
<td>ACCT 2223 Tax Accounting</td>
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<tr>
<td></td>
<td></td>
<td>ACCT 2603 Intermediate Accounting I</td>
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<tr>
<td></td>
<td></td>
<td>ACCT 2703 Intermediate Accounting II</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>CMSC 1233 Spreadsheet Applications</td>
</tr>
<tr>
<td>Economics</td>
<td>6</td>
<td>ECON 2193 Principles of Macroeconomics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECON 2203 Principles of Microeconomics</td>
</tr>
<tr>
<td>Management</td>
<td>3</td>
<td>MGMT 2103 Occupational/Technical Internship OR MGMT 2143 Business Leadership</td>
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</tbody>
</table>

#### Administrative Assistant Option

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
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<td>ACCT 1073 College Accounting</td>
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<td>ACCT 2173 Financial Accounting</td>
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<tr>
<td>Administrative</td>
<td>6</td>
<td>AMT 2153 Word Processing I</td>
</tr>
<tr>
<td>Mgmt. and Tech</td>
<td>6</td>
<td>AMT 2303 Desktop Publishing</td>
</tr>
<tr>
<td>Business</td>
<td>6</td>
<td>BUS 1353 Business Ethics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BUS 2163 Business Law</td>
</tr>
<tr>
<td>Computer Science</td>
<td>6</td>
<td>CMSC 1233 Spreadsheet Applications</td>
</tr>
<tr>
<td>Management</td>
<td>9</td>
<td>MGMT 2033 Principles of Management</td>
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<tr>
<td></td>
<td></td>
<td>AMT 2163 Administrative Management</td>
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<tr>
<td></td>
<td></td>
<td>MGMT 2103 Occupational/Technical Internship OR MGMT 2143 Business Leadership</td>
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#### International Business Option

<table>
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<th>Area</th>
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<tbody>
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<td>ACCT 2173 Financial Accounting</td>
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<td></td>
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<td>ACCT 2183 Managerial Accounting</td>
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<td></td>
<td></td>
<td>ACCT 2213 Computerized Accounting</td>
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<tr>
<td>Economics</td>
<td>3</td>
<td>ECON 2193 Principles of Macroeconomics</td>
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<tr>
<td>Business</td>
<td>3</td>
<td>BUS 2163 Business Law</td>
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<tr>
<td>Management</td>
<td>12</td>
<td>MGMT 2033 Principles of Management</td>
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<td></td>
<td></td>
<td>MGMT 2463 International Human Resource Management*</td>
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<td></td>
<td>MGMT 2453 International Small Business Management*</td>
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<td>OR</td>
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<td>MGMT 2143 Business Leadership</td>
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<tr>
<td>Marketing</td>
<td>3</td>
<td>MKRT 2103 Occupational/Technical Internship</td>
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<td>MKRT 2423 International Marketing* OR MKRT 2323 Principles of Marketing</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>CMSC 1233 Spreadsheet Applications</td>
</tr>
</tbody>
</table>

*This course is offered simultaneously with MRKT 2323 Principles of Marketing, MGMT 2363 Human Resource Management OR MGMT 2353 Small Business Management. Course work will focus on international issues.
BUSINESS ADMINISTRATION TECHNOLOGY OPTION AREAS (7)
Associate in Applied Science

Legal Office Professional Option

<table>
<thead>
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<th>Area</th>
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<tr>
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<td>AMT 2153 Word Processing I*</td>
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<tr>
<td>Mgmt. and Tech</td>
<td></td>
<td>AMT 2163 Administrative Office Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AMT 2423 Legal Procedures and Professions</td>
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<td>AMT 2433 Legal Terminology</td>
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<td></td>
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<td>AMT 2253 Law Office Technology</td>
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<td>BUS</td>
<td>6</td>
<td>BUS 2163 Business Law</td>
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<td>3</td>
<td>CMSC 1233 Spreadsheet Applications</td>
</tr>
<tr>
<td>Management</td>
<td>3</td>
<td>MGMT 2103 Occupational/Technical Internship OR</td>
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<tr>
<td>SOC</td>
<td>3</td>
<td>SOC 2183 Problems in Sociology</td>
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<td>SPCH</td>
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<td>SPCH 2313 Business and Professional Speech OR</td>
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Management Option

<table>
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<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
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<td>ACCT 2173 Financial Accounting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACCT 2183 Managerial Accounting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACCT 2213 Computerized Accounting</td>
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<tr>
<td>Business</td>
<td>6</td>
<td>BUS 1353 Business Ethics</td>
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<tr>
<td></td>
<td></td>
<td>BUS 2163 Business Law</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>CMSC 1233 Spreadsheet Applications</td>
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<tr>
<td>Economics</td>
<td>6</td>
<td>ECON 2193 Principles of Macroeconomics</td>
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<td>ECON 2203 Principles of Microeconomics</td>
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<td>Management</td>
<td>6</td>
<td>MGMT 2033 Principles of Management</td>
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<tr>
<td></td>
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<td>MGMT 2103 Occupational/Technical Internship OR</td>
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<td>MRKT 2323 Principles of Marketing</td>
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Medical Coding and Reimbursement Option

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<td>15</td>
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<td>Mgmt. and Tech</td>
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<td>AMT 2153 Word Processing</td>
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<td>AMT 1313 Medical Procedures Coding** #</td>
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<td>AHS 1123 Medical Terminology</td>
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<td>3</td>
<td>CMSC 1233 Spreadsheet Applications OR</td>
</tr>
<tr>
<td>Management</td>
<td>6</td>
<td>MGMT 2103 Occupational/Technical Internship OR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MGMT 2143 Business Leadership</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MGTM 2033 Principles of Management OR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AMT 2163 Administrative Management</td>
</tr>
<tr>
<td>Zoology</td>
<td>4</td>
<td>ZOOL 2134 Anatomy with Lab</td>
</tr>
</tbody>
</table>

#These courses are only offered at Canadian Valley and Caddo-Kiowa Technology Centers

*Prerequisite—AMT 1033 Basic Computer Keyboarding Skills OR equivalent.

**Prerequisites—AHS 1123 Medical Terminology

Medical Transcription Option

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
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<td>12</td>
<td>AMT 1043 Document Formatting*</td>
</tr>
<tr>
<td>Mgmt. and Tech</td>
<td></td>
<td>AMT 2153 Word Processing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AMT 2233 Medical Transcription**</td>
</tr>
</tbody>
</table>
AMT 2303 Desktop Publishing
AHS 1123 Medical Terminology
Computer Science 7
CMSC 1243 Database Applications
CMSC 1233 Spreadsheet Applications
CMSC 1251 Windows Operating Systems
MGMT 2033 Principles of Management OR
AMT 2163 Administrative Office Management
MGMT 2103 Occupational/Technical Internship OR
MGMT 2143 Business Leadership
Zoology 4
ZOOL 2134 Anatomy with Lab

*Prerequisite—AMT 1033 Basic Computer Keyboarding Skills OR equivalent.
**Prerequisites—AHS 1123 Medical Terminology.
BUSINESS ADMINISTRATION
Associate in Art

General Requirements: Total Hours: 64 • Minimum GPA: 2.0
Program Description: The Associate in Arts degree is designed to prepare students for further study in Business

GENERAL EDUCATION REQUIREMENTS ........................................................................................... 37 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>9</td>
<td>ENGL1113 English Composition I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL1213 English Composition II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SPCH 1113 Fundamentals of Speech</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History 1877 to Present</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Life Science</td>
<td>3</td>
<td>BISC, BOT, MICR, ZOOL (Lecture)</td>
</tr>
<tr>
<td>Physical Science</td>
<td>3</td>
<td>CHEM, ASTR, GEOL, PHSC, PHYS (Lecture)</td>
</tr>
<tr>
<td>Science Lab</td>
<td>1</td>
<td>BISC, BOT, CHEM, ASTR, GEOL, MICR, PHSC, PHYS, ZOOL (Lab)</td>
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<tr>
<td>Humanities</td>
<td>6</td>
<td>Choose from humanities course options list on Page 41.</td>
</tr>
<tr>
<td>Math</td>
<td>3</td>
<td>MATH 1513 College Algebra</td>
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<tr>
<td>Selected General</td>
<td>3</td>
<td>PSY 1113 Elements of Psychology</td>
</tr>
<tr>
<td>Ed Requirements</td>
<td>3</td>
<td>SOC 1113 Introduction to Sociology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SPCH 2133 Interpersonal Communications or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SPCH 2313 Business and Professional Speech</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HUM 2613 Leadership Development Studies</td>
</tr>
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PROGRAM REQUIREMENTS ................................................................................................................... 27 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>6</td>
<td>ACCT 2173 Financial Accounting</td>
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<tr>
<td></td>
<td></td>
<td>ACCT 2183 Managerial Accounting</td>
</tr>
<tr>
<td>Business</td>
<td>3</td>
<td>BUS 2513 Business Statistics</td>
</tr>
<tr>
<td>Economics</td>
<td>9</td>
<td>ECON 2193 Principles of Macroeconomics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECON 2203 Principles of Microeconomics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECON 1353 Personal Finance</td>
</tr>
<tr>
<td>Math</td>
<td>3</td>
<td>MATH 2103 Business Calculus**</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>CMSC 1223 Business Applications Software*</td>
</tr>
<tr>
<td>Business Electives</td>
<td>3</td>
<td>BUS 1353 Business Ethics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BUS 2093 Business Communications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BUS 2163 Business Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MGMT 2033 Principles of Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MGMT 2103 Occupational/Technical Internship</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MGMT 2143 Business Leadership</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MRKT 2323 Principles of Marketing</td>
</tr>
</tbody>
</table>

INSTITUTIONAL REQUIREMENTS
*CMSC 1223 Fulfills Institutional Computer Literacy Requirement.
**Prerequisite is MATH 1513 College Algebra
***Please note: MATH 2103 offered spring semester only
CHILD DEVELOPMENT
Associate in Applied Science

General Requirements: Total Hours: 64 • Minimum GPA: 2.0
Program Description: The Associate in Applied Science in Child Development consists of curriculum to prepare child development professionals. The program prepares students for a job in child development centers or in an educational setting for young children.

GENERAL EDUCATION REQUIREMENTS ........................................................................................................ 18 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL1113 English Composition I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL1213 English Composition II or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL2033 Technical Writing and Reporting</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Selected General Ed Requirements</td>
<td>6</td>
<td>BISC, BOT, CHEM, MATH, MUS, ART, PSY, SOC, SPCH, CMSC, GEG, PHSC</td>
</tr>
</tbody>
</table>

TECHNICAL-OCCUPATIONAL SPECIALTY COURSES ......................................................................................... 31 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Development</td>
<td>31</td>
<td>CD 2101 Portfolio Development in Early Childhood Education</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td>CD 2053 Child Growth and Development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2063 Behavior and Guidance of Young Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2023 Nutrition, Health and Safety for Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2043 Parent and Community Relations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2073 Music, Movement and Creative Arts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2103 Education and Services for Children with Special Needs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2173 Cognitive Skills for Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2183 Language and Social Skills for Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2203 Early Childhood Education Program Planning and Evaluation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2223 Professionalism in Early Childhood Education</td>
</tr>
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</table>

SUPPORT AND RELATED COURSES ............................................................................................................ 12 hours

<table>
<thead>
<tr>
<th>Area</th>
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<tbody>
<tr>
<td>Sociology</td>
<td>3</td>
<td>SOC 2183 Sociology of the Family</td>
</tr>
<tr>
<td>Child Development</td>
<td>3</td>
<td>CD 2233 Assessment and Eval of Child Growth and Development</td>
</tr>
<tr>
<td>Art</td>
<td>3</td>
<td>ART 1033 Arts and Crafts</td>
</tr>
<tr>
<td>Management</td>
<td>3</td>
<td>MGMT2103 Occupational/Technical Internship (CD)</td>
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</table>

INSTITUTIONAL REQUIREMENTS .................................................................................................................. 3 hours

Must fulfill computer literacy requirement. See page 41 for options.
**CHILD DEVELOPMENT**

**Certificate of Mastery**

**General Requirements:** Total Hours: 18 • Minimum GPA: 2.0

**Program Description:** The Certificate of Mastery in Child Development allows students to obtain specialized training that can lead to the educational requirements for a CDA credential or to fulfill the requirements for the Department of Human Services professional development. Certificate completers are able to meet the specific needs of children and work with parents and other adults to nurture children’s physical, social, emotional and intellectual growth in a child development framework. All Child Development courses for this certificate must be taken at Redlands Community College.

**SPECIALIZED PROGRAM REQUIREMENTS........................................................................................................18 hours**

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Communications</td>
<td>3</td>
<td>ENGL1113 English Composition I</td>
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<tr>
<td>Child Development</td>
<td>15</td>
<td>CD 2053 Child Growth and Development</td>
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<tr>
<td></td>
<td></td>
<td>CD 2063 Behavior and Guidance of Young Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2203 Early Childhood Education Program Planning and</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2223 Professionalism in Child Development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2023 Nutrition, Health and Safety for Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2043 Parent and Community Relations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2073 Music, Movement and Creative Arts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2103 Education and Services for Children with Special</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2183 Language and Social Skills for Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CD 2233 Assessment and Evaluation of Child Growth and</td>
</tr>
</tbody>
</table>
CRIMINAL JUSTICE
Associate in Applied Science

General Requirements: Total Hours: 64 • Minimum GPA: 2.0

Program Description: This Criminal Justice Program allows students to gain knowledge which will enhance their opportunity to become employed in a criminal justice career with a specialty in one of the following areas: Collegiate Officer Program (COP), Corrections, Emergency Preparedness/Homeland Security, General Studies in Criminal Justice and Juvenile Justice.

GENERAL EDUCATION REQUIREMENTS .............................................................................................................................................................................18 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL 1113 English Composition I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL 1213 English Composition II or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL 2033 Technical Writing and Reporting</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Selected General Ed Requirements</td>
<td>6</td>
<td>PSY 1113 Elements of Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOC 1113 Introduction to Sociology</td>
</tr>
</tbody>
</table>

TECHNICAL-OCCUPATIONAL SPECIALTY AND SUPPORT COURSES .................................................................................................................................46 hours

Students must take the 18-credit hour core technical-occupational course sequence and select one 28-credit hour option area from: (Requirements for each option listed below and on following pages.)

Collegiate Officer Program (COPS)
Corrections
Emergency Preparedness/Homeland Security
General Studies in Criminal Justice
Juvenile Justice

CORE TECHNICAL-OCCUPATIONAL COURSES (required for all option areas) ..........................................................................................................15 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<td>Criminal Justice</td>
<td>9</td>
<td>CJ 1113 Introduction to Criminal Justice</td>
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<td>CJ 2313 Criminal Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2443 Criminal Law and Procedure</td>
</tr>
<tr>
<td>Fitness</td>
<td>3</td>
<td>HPER 1553 Lifetime Fitness and Management</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>CMSC 1223 Business Applications Software</td>
</tr>
</tbody>
</table>

TECHNICAL-OCCUPATIONAL SPECIALTY OPTION AREA COURSES .............................................................................................................................31 hours

Collegiate Officer Program (COPS) Option: This Associate in Applied Science program Option is designed for a student who desires a career in law enforcement as a Certified Police Officer in the State of Oklahoma. This program provides a student an alternative means to become a police officer in this state through an agreement with the Council on Law Enforcement and Education (CLEET). A graduate of this program is eligible to take the certification test for employment as a police officer in the State of Oklahoma as soon as he/she is hired by an agency.

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criminal Justice</td>
<td>21</td>
<td>CJ 1243 Traffic Investigation and Enforcement</td>
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<tr>
<td></td>
<td></td>
<td>CJ 1313 Patrol Procedures</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 1253 American Corrections Systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2043 CJ Report Writing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2433 Community and Cultural Diversity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2343 Criminal Investigation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2451 Custody and Control</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2461 Defensive Driving</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2471 Firearms</td>
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<tr>
<td>Electives</td>
<td>7</td>
<td>Any CJ course not previously selected. Courses from student’s area of interest, foreign language such as Spanish strongly encouraged.</td>
</tr>
<tr>
<td>Support Courses</td>
<td>3</td>
<td>EMT 1113 First Responder</td>
</tr>
</tbody>
</table>
## CRIMINAL JUSTICE OPTION AREAS (5)
### Associate in Applied Science

**Corrections Option:** This Associate in Applied Science program option is for the student who desires a career in Corrections.

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criminal Justice</td>
<td>12</td>
<td>CJ 1253 American Corrections System</td>
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<tr>
<td></td>
<td></td>
<td>CJ 2353 Administration of Correctional Institutions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2433 Community and Cultural Diversity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CJ 2453 Probation and Parole</td>
</tr>
<tr>
<td></td>
<td>9-12</td>
<td>CJ Any other CJ course not previously selected</td>
</tr>
<tr>
<td>Sociology</td>
<td>3-6</td>
<td>SOC Any other SOC course not previously selected</td>
</tr>
<tr>
<td>Support Courses</td>
<td>3</td>
<td>EMT 1113 First Responder</td>
</tr>
<tr>
<td>Support Electives</td>
<td>1</td>
<td>Courses from student’s area of interest</td>
</tr>
</tbody>
</table>

**Emergency Preparedness/Homeland Security Option:** This Associate in Applied Science program option is designed for individuals responsible for the safety and security in areas such as business operations, civil agencies and local communities.

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criminal Justice</td>
<td>24*</td>
<td>HLS 1013 Introduction to Terrorism</td>
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<td>HLS 1113 Homeland Security</td>
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<td></td>
<td></td>
<td>HZMT 1013 Chemistry of Hazardous Material</td>
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<td></td>
<td></td>
<td>WMD 1013 Introduction to Weapons of Mass Destruction</td>
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<td></td>
<td></td>
<td>HLS 1213 Intermediate Terrorism</td>
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<tr>
<td></td>
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<td>HLS 1233 Domestic Terrorism</td>
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<td></td>
<td></td>
<td>HLS 1253 International Terrorism</td>
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<td>HLS 1313 Terrorism and Religion</td>
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<td>HLS 2113 Psychology of Terrorism</td>
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<td></td>
<td>HLS 2173 Islam and Militant Extremists</td>
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<td></td>
<td>HLS 2133 Counter Terrorism and Terrorism</td>
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<td>HLS 2153 Terrorism Tactics</td>
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<td>WMD 2033 Chemical Weapons and Terrorism</td>
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<td>WMD 2013 Biological Weapons and Terrorism</td>
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<td>WMD 2053 Nuclear/ Radiological Weapons and Terrorism</td>
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<td>WMD 2073 Energetic Materials and Terrorism</td>
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<td>HZMT 1113 Hazardous Materials I</td>
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<tr>
<td></td>
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<td>HZMT 2113 Hazardous Materials II</td>
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<td></td>
<td>AGRI 2403 Agricultural Emergencies and Agroterrorism</td>
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<td>EMT 1118 EMT Basic</td>
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<tr>
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<td></td>
<td>EMT 1119 EMT Advanced or</td>
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<td></td>
<td></td>
<td>EMT 1319 Paramedic Care I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMT 2313 Tactical Medicine</td>
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</table>

*Need Program Advisor Approval

<table>
<thead>
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<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support Courses</td>
<td>3</td>
<td>CJ Any other CJ, HLS, EMT, HZMT, WMD course not previously selected</td>
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<tr>
<td>Support Courses</td>
<td>7</td>
<td>EMT 1118 EMT Basic</td>
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</tbody>
</table>
# CRIMINAL JUSTICE OPTION AREAS (5)

## Associate in Applied Science

### General Studies in Criminal Justice Option:
This Associate in Applied Science program option is constructed for the student desiring a career in a criminal justice generic field.

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criminal Justice</td>
<td>21</td>
<td>CJ Any CJ course not previously selected</td>
</tr>
<tr>
<td>Sociology</td>
<td>6</td>
<td>SOC Any SOC course not previously selected</td>
</tr>
<tr>
<td>Support Electives</td>
<td>4</td>
<td>Courses from student’s area of interest</td>
</tr>
</tbody>
</table>

### Juvenile Justice Option:
This Associate in Applied Science program option is designed for those individuals who desire a career in the juvenile justice system.

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology</td>
<td>9</td>
<td>SOC 2133 Crime and Delinquency</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOC 2173 Problems in Sociology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOC 2183 Sociology of the Family</td>
</tr>
<tr>
<td>Psychology</td>
<td>6</td>
<td>PSY 2043 Social Psychology</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>PSY 2033 Adolescent Psychology Criminal Justice</td>
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<tr>
<td></td>
<td></td>
<td>CJ 2104 Practicum in CJ</td>
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<tr>
<td></td>
<td></td>
<td>CJ 2433 Community and Cultural Diversity</td>
</tr>
<tr>
<td>CJ Electives</td>
<td>6</td>
<td>CJ Select from any CJ courses</td>
</tr>
<tr>
<td>Support Courses</td>
<td>3</td>
<td>EMT 1113 First Responder</td>
</tr>
</tbody>
</table>
CRIMINAL JUSTICE
Associate in Arts

General Requirements: Total Hours: 64 • Minimum GPA: 2.0
Program Description: The Criminal Justice program is designed for students who intend to transfer to a baccalaureate program in criminal justice. The freshman and sophomore level courses introduce the student to Criminal Justice and provide him or her with the general education core requirements. Those enrolled in the Associate in Arts Criminal Justice program are encouraged to work closely with their advisors and with the admissions department at the 4-year institution where they wish to transfer in designing their course of study.

GENERAL EDUCATION REQUIREMENTS .................................................................................................................................................. 37 hours
Area          Min. Hours          Courses
Communications 6 ENGL1113 English Composition I
               ENGL1213 English Composition II
Social Science  6 HIST 1483 U.S. History to 1877 or
               HIST 1493 U.S. History, 1877 to Present
               POLS 1113 U.S. Government
Life Science   3 BISC, BOT, MICR, ZOOL (Lecture)
Physical Science 3 CHEM, ASTR, GEOL, PHSC, PHYS (Lecture)
Science Lab    1 BISC, BOT, CHEM, ASTR, GEOL, MICR, PHSC, PHYS, ZOOL (Lab)
Humanities     6 See humanities course options list on page 41.
Mathematics    3 MATH 1493 Contemporary Math
               MATH 1513 College Algebra
Psy/Soc        6 PSY 1113 Elements of Psychology
               SOC 1113 Introduction to Sociology
Selected General 3 PSY, SOC, ART, HIST, PHIL, POLS, SPAN or SPCH
Ed Requirements

PROGRAM REQUIREMENTS .......................................................................................................................................................... 24 hours
Area          Min. Hours          Courses
Criminal Justice 9 CJ 1113 Introduction to Criminal Justice
               CJ 2313 Criminal Law
               CJ 2443 Criminal Law and Procedures
               CJ 2333 Police Organization and Management
               9 Any other CJ courses except CJ 2451, CJ 2461, CJ 2471 or CJ 2363
Social Science  3 SOC 2133 Crime and Delinquency
               SOC 2173 Problems in Sociology
               SOC 2183 Sociology of the Family
Physical Education 3 HPER 1553 Lifetime Fitness and Management

INSTITUTIONAL REQUIREMENTS .............................................................................................................................................. 3 hours
Must fulfill computer literacy requirement. See page 41 for options
**PRE-EDUCATION ELEMENTARY**

**Associate in Arts**

**General Requirements:** Total Hours-63 • Minimum GPA-2.0 (must have a 2.5 GPA to be admitted to teacher education programs at four year institutions)

**Program Requirements:** The Pre-Education program consists of a curriculum preparing students who plan to teach in the elementary education field. With an associate’s degree in Pre-Education, students are prepared to continue further education toward an elementary education degree.

### GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>9</td>
<td>ENGL 1113 English Composition I</td>
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<td></td>
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<td>ENGL 1213 English Composition II</td>
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<tr>
<td>Social Science</td>
<td>6</td>
<td>SPCH 1113 Fundamentals of Speech</td>
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<tr>
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<td></td>
<td>HIST 1483 U.S. History to 1877 or</td>
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</tr>
<tr>
<td>Life Science and</td>
<td>8</td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
<td></td>
</tr>
<tr>
<td>Physical Science</td>
<td>4</td>
<td>POLS 1113 U.S. Government</td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
<td>BISC, BOT, MICR, ASTR, GEOL, PHSC, PHYS and</td>
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<tr>
<td>Mathematics</td>
<td>6</td>
<td>GEOL 1054 Physical Geology with Lab</td>
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<td></td>
<td></td>
<td>ENGL 2413 Intro to Literature</td>
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<td>MATH 1513 College Algebra</td>
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<tr>
<td></td>
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<td>MATH 1493 Contemporary Math</td>
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### PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
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<th>Min. Hours</th>
<th>Courses</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Mathematics</td>
<td>6</td>
<td>MATH 1023 Structural Concepts I</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 1123 Structural Concepts II</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>15</td>
<td>HIST 2123 Western Civilization</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>GEG 2243 Human Geography</td>
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<td></td>
<td>SOC 1113 Intro to Sociology</td>
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<td></td>
<td></td>
<td>PSY 1113 Elements of Psychology</td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td>3</td>
<td>COM 1213 Sign Language I or</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SPA 1115 Beginning Spanish I</td>
<td></td>
</tr>
</tbody>
</table>

### INSTITUTIONAL REQUIREMENTS

Must fulfill computer literacy requirement. See page 41 for options.
EMERGENCY MEDICAL TECHNOLOGY
PARAMEDIC
Associate in Applied Science

**General Requirements:** Total Hours: 69-70 • Minimum GPA: 2.0

**Program Description:** The Emergency Medical Technology program at Redlands Community College is designed to provide the knowledge and skills necessary to allow graduates to become licensed as EMTs or Paramedics to serve in career or volunteer positions. These courses follow the current National EMS Education Standards and allow students to take the appropriate National Registry of EMTs (NREMT) Computer Based Testing (CBT) examination. Redlands Community College is approved by the Oklahoma State Department of Health, Emergency Medical Services Division, as a facility for all levels of EMT education/training.

**GENERAL EDUCATION REQUIREMENTS** .................................................................................................................. 18 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL1113 English Composition I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL1123 English Composition II or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL2033 Technical Writing &amp; Professional Report Writing</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
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<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History since 1877</td>
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<tr>
<td>Mathematics</td>
<td>3</td>
<td>MATH 1513 College Algebra</td>
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<tr>
<td>Selected General</td>
<td>3</td>
<td>PSY 1113 Elements of Psychology or</td>
</tr>
<tr>
<td>Education</td>
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<td>SOC 1113 Introduction to Sociology</td>
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</table>

**SUPPORT AND RELATED COURSES** .................................................................................................................. 12-13 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Science</td>
<td>8</td>
<td>ZOOL2134 Anatomy w/ Lab</td>
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<tr>
<td></td>
<td></td>
<td>ZOOL2144 Physiology w/ Lab</td>
</tr>
<tr>
<td>Physical Science</td>
<td>4 – 5*</td>
<td>CHEM 1315 General Chemistry I w/ Lab</td>
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</table>

**Technical-Occupational Specialty Courses** .................................................................................................. 39 hours

<table>
<thead>
<tr>
<th>Area</th>
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<th>Courses</th>
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<tbody>
<tr>
<td>EMT</td>
<td>39</td>
<td>EMT 1153 Operations/Rescue Awareness</td>
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<tr>
<td></td>
<td></td>
<td>EMT 1319 Paramedic Care I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMT 2319 Paramedic Care II</td>
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<tr>
<td></td>
<td></td>
<td>EMT 2419 Paramedic Care III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMT 2519 Paramedic Care IV</td>
</tr>
</tbody>
</table>

*4 hour Chemistry with Lab approval required – See EMT Advisor

**NOTE:** EMT Basic licensure/certification required to enter Technical-Occupational Specialty Courses

**NOTE:** Grade of “B” or higher is required in all Technical-Occupational Specialty Courses to be eligible for the NREMT CBT examination

**NOTE:** Grade of “C” or higher is required in all specialty, support, and related courses
### ENOLOGY
Certificate of Mastery

**General Requirements:** Total Hours: 15 • Minimum GPA: 20

**Program Description:** The program emphasizes the application of viticulture and winemaking theory for decision-making in actual production situations. The Viticulture and Enology Certificates prepare students for direct entry in the wine industry upon completion of their course of study at Redlands Community College. Also, students currently employed in the wine industry may upgrade and update their skills and knowledge and those with a general interest in wines, pairing wine and food and viticulture and grapevines may take classes for enjoyment and further knowledge. In addition, courses are available for students interested in transferring to a four-year institution.

### SPECIALIZED PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enology</td>
<td>13</td>
<td>ENO 1112 Enology I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENO 1121 Sensory Evaluation</td>
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<tr>
<td></td>
<td></td>
<td>ENO 2112 Enology II</td>
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<tr>
<td></td>
<td></td>
<td>ENO 2122 Analysis of Must and Wine</td>
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<td></td>
<td></td>
<td>ENO 2132 Winery Operations</td>
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<tr>
<td></td>
<td></td>
<td>ENO 2141 Wine and Society</td>
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<tr>
<td></td>
<td></td>
<td>ENO 2103 Enology Practicum</td>
</tr>
<tr>
<td>Viticulture</td>
<td>2</td>
<td>VIN 2962 Vineyard and Winery Marketing</td>
</tr>
</tbody>
</table>
ENTERPRISE DEVELOPMENT
Associate in Art

General Requirements: Total Hours: 60 • Minimum GPA: 2.0

Program Description: This program is designed for working adults who have already earned at least 18 hours of college credit and want to finish an associate degree. Other requirements include student must have a minimum 2.0 GPA from previous college credits, have completed any required remedial courses, and the final 18 semester hours must be earned at an Oklahoma two-year college accredited by NCAHLC.

GENERAL EDUCATION REQUIREMENTS ........................................................................................................ 37 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Communications</td>
<td>9</td>
<td>ENGL 1113 English Composition I</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 1213 English Composition II</td>
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<tr>
<td></td>
<td></td>
<td>SPCH 1113 Fundamentals of Speech</td>
</tr>
<tr>
<td>Political Sciences</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 OR</td>
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<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
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<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>MATH 1493 Contemporary Mathematics</td>
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<td></td>
<td></td>
<td>MATH 1513 College Algebra</td>
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<tr>
<td></td>
<td></td>
<td>MATH 2193 Elementary Statistics</td>
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<tr>
<td>Life Sciences *</td>
<td>3-4</td>
<td>BISC 1113 Biological Concepts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BISC 1114 Biology with Lab</td>
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<tr>
<td></td>
<td></td>
<td>BOT 1114 Botany with Lab</td>
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<tr>
<td></td>
<td></td>
<td>MICR 2134 Intro to Microbiology with Lab</td>
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<tr>
<td></td>
<td></td>
<td>ZOOL 2134 Anatomy with Lab</td>
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<tr>
<td></td>
<td></td>
<td>ZOOL 2144 Physiology with Lab</td>
</tr>
<tr>
<td>Physical Sciences*</td>
<td>3-4</td>
<td>CHEM 1215 Chemistry I with Lab</td>
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<tr>
<td></td>
<td></td>
<td>CHEM 1315 General Chemistry I with Lab</td>
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<tr>
<td></td>
<td></td>
<td>GEOL 1053 Earth Science</td>
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<td></td>
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<td>GEOL 1054 Physical Geology with Lab</td>
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<td></td>
<td></td>
<td>PHSC 1114 Physical Science with Lab</td>
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<td></td>
<td></td>
<td>PHYS 1115 Physics I with Lab</td>
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<tr>
<td>Humanities</td>
<td>6</td>
<td>See Humanities course options on page 43</td>
</tr>
<tr>
<td>Social Sciences,</td>
<td>6</td>
<td>PSY 1113 Elements of Psychology</td>
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<tr>
<td>Technology,</td>
<td></td>
<td>SOC 1113 Introduction to Sociology</td>
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<tr>
<td>And Language</td>
<td></td>
<td>SPA 1053 Conversational Spanish I</td>
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<tr>
<td></td>
<td></td>
<td>CMSC 1223 Business Application Software</td>
</tr>
</tbody>
</table>

*One course from either life science or physical science must include a Lab.

PROGRAM REQUIREMENT ....................................................................................................................... 23 hours

Select one option from: (Requirements for each option listed below.)

Business Administration

General Studies

Business Administration Option ........................................................................................................... 23 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Accounting I (Financial)</td>
<td>3</td>
<td>ACCT 2173 Financial Accounting</td>
</tr>
<tr>
<td>Accounting II(Managerial)</td>
<td>3</td>
<td>ACCT 2183 Managerial Accounting</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>3</td>
<td>ECON 2193 Principles of Macroeconomics</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>3</td>
<td>ECON 2203 Principles of Microeconomics</td>
</tr>
<tr>
<td>Marketing</td>
<td>3</td>
<td>MRKT 2323 Principles of Marketing</td>
</tr>
<tr>
<td>Business Statistics</td>
<td>3</td>
<td>BUS 2513 Business Statistics</td>
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<tr>
<td>Business Internship</td>
<td>3</td>
<td>MGMT 2103 Occupational/Technical Internship</td>
</tr>
<tr>
<td>Capstone Seminar</td>
<td>2</td>
<td>MGMT 2002 Career Education Seminar</td>
</tr>
</tbody>
</table>

General Studies Option ..................................................................................................................... 23 hours

Courses determined by student’s field of interest from college offerings.
## EQUINE SCIENCE
### Associate in Applied Science

**General Requirements:** Total Hours: 61-62 • Minimum GPA: 2.0

**Program Description:** The program of study prepares students for employment within the equine industry. The program of study is designed to match the needs and abilities of the students to career opportunities within the equine field. Specifically, students have the opportunity to gain competencies in the following employment areas: ground work and stable attendant, basic care and training, specialized training, breeding, and management.

### GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL1113 English Composition I</td>
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<tr>
<td></td>
<td></td>
<td>ENGL1213 English Composition II or</td>
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<td>ENGL2033 Technical Writing and Reporting</td>
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<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
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<td>HIST 1493 U.S. History, 1877 to Present</td>
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<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Life Science</td>
<td>4-5</td>
<td>BISC 1114 Biology with Lab or</td>
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<tr>
<td></td>
<td></td>
<td>ZOOL1125 Zoology with Lab</td>
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<td>General Education Electives</td>
<td>6</td>
<td>PSY 1113 Elements of Psychology or</td>
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<tr>
<td></td>
<td></td>
<td>SPCH 1113 Fundamental of Speech</td>
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<tr>
<td></td>
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<td>BUS 1053 Business Math</td>
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### TECHNICAL-OCCUPATIONAL SPECIALITY COURSES

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<th>Area</th>
<th>Min. Hours</th>
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<tbody>
<tr>
<td>Equine Science</td>
<td>28</td>
<td>EQSC1113 Introduction to Equine Science</td>
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<tr>
<td></td>
<td></td>
<td>EQSC1213 Horsemanship</td>
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<tr>
<td></td>
<td></td>
<td>EQSC2122 Equine Judging</td>
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<tr>
<td></td>
<td></td>
<td>EQSC2132 Advanced Equine Judging</td>
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<tr>
<td></td>
<td></td>
<td>EQSC2134 Advanced Equine Care &amp; Training</td>
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<td></td>
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<td>EQSC2223 Equine Nutrition and Health or</td>
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<tr>
<td></td>
<td></td>
<td>ANSI 2123 Livestock Feeding</td>
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<td></td>
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<td>EQSC2243 Equine Breeding and Management</td>
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<td></td>
<td>ANSI 2143 Anatomy &amp; Physiology of Reproduction</td>
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<td>EQSC2423 Equine Anatomy &amp; Physiology</td>
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<td>EQSC2193 Equine Industry Internship</td>
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<td>AGEC 2113 Farm and Ranch Management</td>
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<td>AGRI 2103 Communications in Agriculture</td>
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### SUPPORT AND RELATED COURSES

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<td>AGRI 1101 Agriculture Orientation</td>
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<td>Animal Science</td>
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<td>ANSI 1124 Introduction to Animal Science</td>
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<td>Support and Related Electives</td>
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<td>ACCT 1063 Bookkeeping Procedures</td>
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<td>ECON 1353 Personal Finance</td>
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<td>AGEC 1374 Introduction to Agriculture Economics</td>
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<td>AGRN 2333 Range and Pasture Management</td>
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<td>AGRN 1214 Introduction to Plant Science</td>
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<td>AGRN 1124 Introduction to Soil Science</td>
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<td>AGRI 2223 Explorations in Agricultural Research</td>
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<td>AGRI 2123 Public Relations and Marketing in Agriculture</td>
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<tr>
<td></td>
<td></td>
<td>AGEC 2113 Computers in Agriculture or</td>
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<tr>
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<td></td>
<td>CMSC 1223 Business Applications Software</td>
</tr>
</tbody>
</table>
FAMILY STUDIES AND CHILD DEVELOPMENT  
Associate in Arts

**General Requirements:** Total Hours-65 • Minimum GPA-2.0  
**Program Description:** Associate in Arts in Family Studies and Child Development is a preparatory degree to allow students to pursue a degree in the area of family studies and/or child development. The degree provides a background for students to learn about families and family relationships.

### GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Communications</td>
<td>9</td>
<td>ENGL 1113 English Composition I</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 1213 English Composition II</td>
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<tr>
<td></td>
<td></td>
<td>SPCH 1113 Fundamentals of Speech or</td>
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<td></td>
<td></td>
<td>SPCH 2133 Interpersonal Communication</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
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<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
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<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Life Science</td>
<td>3</td>
<td>BISC, BOT, MICR, ZOOL (Lecture)</td>
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<td>Physical Science</td>
<td>3</td>
<td>CHEM, ASTR, GEOL, PHSC, PHYS (Lecture)</td>
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<td>Science Lab</td>
<td>1</td>
<td>BISC, BOT, ASTR, CHEM, MICR, PHSC, ZOOL (Lab)</td>
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<td>Humanities</td>
<td>6</td>
<td>ART 1113 Art Appreciation I</td>
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<tr>
<td></td>
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<td>ART 1123 Art Appreciation II</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 2413 Introduction to Literature I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL 2423 Introduction to Fiction</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 2433 American Literature I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL 2443 American Literature II</td>
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<td></td>
<td></td>
<td>HUM 2113 General Humanities I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HUM 2223 General Humanities II</td>
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<td>MUS 1343 Music Appreciation</td>
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<td></td>
<td></td>
<td>PHIL 1113 Introduction to Philosophy</td>
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<td>Mathematics</td>
<td>3</td>
<td>MATH 1023 Structural Concepts in Arithmetic or</td>
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<tr>
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<td></td>
<td>MATH 1513 College Algebra or</td>
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<td></td>
<td></td>
<td>MATH 1493 Contemporary Math</td>
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<tr>
<td>Selected General Ed</td>
<td>6</td>
<td>PSY 1113 Elements of Psychology</td>
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<tr>
<td></td>
<td></td>
<td>SOC 1113 Introduction to Sociology</td>
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</tbody>
</table>

### PROGRAM REQUIREMENTS

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
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<tbody>
<tr>
<td>Child Dev/Sociology</td>
<td>15</td>
<td>CD 2053 Child Growth and Development</td>
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<td>CD 2043 Parent and Community Relations</td>
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<td></td>
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<td>CD 2063 Behavior and Guidance of Young Child</td>
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<td>CD 2023 Nutrition, Health and Safety</td>
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<td></td>
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<td>CD 2173 Cognitive Skills of the Child</td>
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<tr>
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<td>CD 2073 Music, Movement and Creative Arts</td>
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<td>CD 2103 Education and Services for Children w/Special Needs</td>
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<tr>
<td></td>
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<td>CD 2183 Language and Social Skills</td>
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<tr>
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<td>CD 2223 Professionalism in CD</td>
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<td>3</td>
<td>CD 2233 Assessment and Evaluation of Child</td>
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<tr>
<td></td>
<td></td>
<td>CD 2203 Program Planning and Evaluation or</td>
</tr>
<tr>
<td>Management</td>
<td>7</td>
<td>ECM 2123 Center Financial Planning and Management or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECM 2133 Center Personnel Development and</td>
</tr>
<tr>
<td>INSTITUTIONAL REQUIREMENTS</td>
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</table>

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Computer Science</td>
<td>3</td>
<td>CMSC 1223 Business Applications Software* or</td>
</tr>
</tbody>
</table>

* Fulfills computer literacy requirement.
GENERAL STUDIES
Associate in Arts

**General Requirements:** Total Hours: 64 • Minimum GPA: 2.0

**Program Description:** The General Studies program provides students with a broad exposure to various academic disciplines during their first two years of post-secondary education. It offers students considerable latitude in curriculum choices but restricts selections to university-parallel transfer courses offered by Redlands Community College. The Associate in Arts General Studies degree incorporates essential training in written, oral and numerical communications while helping students develop an appreciation of the arts and sciences. Skills developed in the program will support whatever career students may pursue.

<table>
<thead>
<tr>
<th>GENERAL EDUCATION REQUIREMENTS</th>
<th>37 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Area</strong></td>
<td><strong>Min. Hours</strong></td>
</tr>
<tr>
<td>Communications</td>
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<tr>
<td>Social Science</td>
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<tr>
<td>Life Science</td>
<td>3</td>
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<tr>
<td>Physical Science</td>
<td>3</td>
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<tr>
<td>Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>Humanities</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Selected General Ed Requirements</td>
<td>3</td>
</tr>
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<td>Ed Requirements</td>
<td>3</td>
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</table>

**PROGRAM REQUIREMENTS** ................................................................. 24 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives</td>
<td>24</td>
<td>Courses to be selected from the student’s field of interest.</td>
</tr>
</tbody>
</table>

**INSTITUTIONAL REQUIREMENTS** ................................................................. 3 hours

Must fulfill computer literacy requirement. See page 41 for options.
NURSING
Associate in Applied Science

General Requirements: Total Hours: 69-70 • Minimum GPA: 2.5
Program Description: The Nursing Program at Redlands Community College is a two-year Associate Degree in Applied Science. A graduate of this program is eligible to write to the National Council Licensure Exam (NCLEX) for licensure as a Registered Nurse.

GENERAL EDUCATION REQUIREMENTS ........................................................................................................... 18 hours

<table>
<thead>
<tr>
<th>Area</th>
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<th>Courses</th>
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<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL 1113 English Composition I</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 1213 English Composition II</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
</tr>
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<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Selected General Ed Requirements</td>
<td>6</td>
<td>PSY 1113 Elements of Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOC 1113 Introduction to Sociology</td>
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</tbody>
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TECHNICAL-OCCUPATIONAL SPECIALTY COURSES .................................................................................................. 32 hours

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<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
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<tbody>
<tr>
<td>Nursing</td>
<td>32</td>
<td>NURS 1115 Fundamentals of Nursing w/Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 1121 Fundamentals of Nursing Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 1223 Adult Health Problems w/Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 1211 Adult Health Problems Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 1233 Parental-Child Nursing w/Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 1241 Parental-Child Nursing Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 2137 Complex Adult Health w/Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 2131 Complex Adult Health Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 2243 Care of the Psychiatric Patient w/Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 2241 Care of the Psychiatric Patient Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 2255 Leadership and Management w/Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NURS 2261 Leadership and Management Clinical</td>
</tr>
</tbody>
</table>

*A student is not eligible to enroll in nursing courses until he or she is accepted into the program.

NOTE: Nursing courses are divided into theory, laboratory and clinical components. A satisfactory standard of performance must be maintained in all components of each nursing course. If a student has unsatisfactory performance in theory, laboratory or clinical, a passing grade will not be assigned to any component. Student must pass required standardized exit exam within three attempts to receive a passing grade and graduate the nursing program.

SUPPORT AND RELATED COURSES .............................................................................................................. 19-20 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Life Science</td>
<td>12</td>
<td>MICR 2134 Introduction to Microbiology with Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ZOOL 2134 Anatomy with Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ZOOL 2144 Physiology with Lab</td>
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<tr>
<td>Physical Science</td>
<td>4-5*</td>
<td>CHEM 1315 General Chemistry I with Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CHEM 1215 Chemistry I with Lab</td>
</tr>
<tr>
<td>Behavioral Science</td>
<td>3</td>
<td>PSY 2163 Developmental Psychology</td>
</tr>
</tbody>
</table>

*4 hour Chemistry with Lab approval required- See Nursing Advisor

Additional requirements are listed in the Nursing Student Handbook.
PRE-PROFESSIONAL SCIENCES
Associate in Science

General Requirements: Total Hours: 60-64 • Minimum GPA: 2.0 Program Description: This Associate in Science degree program is designed to meet the needs of students to continue studies at a four year university or professional college in the biological, physical, and health related sciences. Biological sciences fields include agriculture, botany, zoology, ecology, microbiology, forestry, physiology and environmental science. Physical sciences fields include geology, astronomy, meteorology, physics and chemistry. Professional health fields include nursing, dentistry, optometry, medicine, veterinary medicine, physical and occupational therapy.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Communications</td>
<td>6</td>
<td>ENGL 1113 English Composition I</td>
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<tr>
<td></td>
<td></td>
<td>ENGL 1213 English Composition II</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Life Science</td>
<td>3-5</td>
<td>BISC, BOT, MICR, ZOOL (Lecture or Lecture/Lab)</td>
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<tr>
<td>Physical Science</td>
<td>3-5</td>
<td>CHEM, ASTR, GEOL, PHSC, PHYS (Lecture or Lecture/Lab)</td>
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<td>Science Lab</td>
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<td>BISC, BOT, CHEM, ASTR, GEOL, MICR, PHSC, PHYS, ZOOL (Lab)</td>
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<tr>
<td>Humanities</td>
<td>6</td>
<td>See humanities course options listing on page 32.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
<td>MATH 1513 College Algebra</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 1613 Trigonometry or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 2193 Elementary Statistics</td>
</tr>
<tr>
<td>Selected General</td>
<td>3</td>
<td>ANTH, ART, GEG, HIST, HUM, MUS, PHIL, POLS, PSY, SOC, SPA,</td>
</tr>
<tr>
<td>Ed Requirements</td>
<td></td>
<td>SPCH</td>
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<tr>
<td>Computer Science</td>
<td>3</td>
<td>CMSC 1223 Business Applications Software or fulfillment of computer literacy requirement. See page 41 for options.</td>
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PROGRAM REQUIREMENT

Select one option from: (Requirements for each option listed below.)

- Life Science
- Mathematics
- Physical Science

Life Science Option

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Life Science</td>
<td>16-23</td>
<td>AHS, BISC, BOT, MICR, NASC, WILD, ZOOL</td>
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<tr>
<td>Electives</td>
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<td>AHS, ASTR, BISC, BOT, CHEM, GEOL, MATH, MICR, NASC, PHYS, WILD, ZOOL</td>
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<tr>
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<td></td>
<td>PSY 2163 Developmental Psychology</td>
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<td></td>
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<td>SOC 1113 Introduction to Sociology</td>
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Mathematics Option

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<td>MATH 2193 Elementary Statistics</td>
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<tr>
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<td>MATH 2714 Calculus I</td>
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<td></td>
<td>MATH 2734 Calculus II</td>
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<tr>
<td>Electives</td>
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<td>MATH, CMSC, CHEM, PHYS</td>
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Physical Science Option

<table>
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<th>Area</th>
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<th>Courses</th>
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<tr>
<td>Physical Science/</td>
<td>23</td>
<td>ASTR, CHEM, GEOL, MATH, NASC, PHSC, PHYS</td>
</tr>
<tr>
<td>Mathematics</td>
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</tbody>
</table>
PSYCHOLOGY
Associate in Arts

General Requirements: Total Hours: 64 • Minimum GPA: 2.0

Program Description: The Associate in Arts in psychology consists of a curriculum which provides learning experiences in early and contemporary theories of behavior such as: how individuals think, behave and make decisions, relate to others, adjust to and/or cope with stress, appreciate and value differences in individuals and groups and understand themselves and others. Upon successful completion of the A.A. Degree in psychology, a student will be able to seek an entry level position in a human services agency and/or continue his or her education.

GENERAL EDUCATION REQUIREMENTS ................................................................................................................... 37 hours

<table>
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<tr>
<th>Area</th>
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<tbody>
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<td>ENGL 1213 English Composition II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SPCH 1113 Fundamentals of Speech</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
<td>HIST 1483 U.S. History to 1877 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HIST 1493 U.S. History, 1877 to Present</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Life Science</td>
<td>3</td>
<td>BISC, BOT, MICR, ZOOL (Lecture)</td>
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<tr>
<td>Physical Science</td>
<td>3</td>
<td>CHEM, ASTR, GEOL, PHSC, PHYS (Lecture)</td>
</tr>
<tr>
<td>Science Lab</td>
<td>1</td>
<td>BISC, BOT, CHEM, ASTR, GEOL, MICR, PHSC, PHYS, ZOOL (Lab)</td>
</tr>
<tr>
<td>Humanities</td>
<td>6</td>
<td>See humanities course options list on page 41.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>MATH 1513 College Algebra or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 1493 Contemporary Math</td>
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<tr>
<td>Selected General</td>
<td>6</td>
<td>ART, ENGL, GEG, HIST, MATH, MUS, PHIL, POLS, SPA, SPCH</td>
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<tr>
<td>Ed Requirements</td>
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PROGRAM REQUIREMENTS ................................................................................................................... 24 hours

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<tr>
<th>Area</th>
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<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>Psychology</td>
<td>12</td>
<td>PSY 1113 Elements of Psychology (required)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PSY 1203 Psychology of Personal Adjustment</td>
</tr>
<tr>
<td></td>
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<td>PSY 2043 Social Psychology</td>
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<tr>
<td></td>
<td></td>
<td>PSY 2163 Developmental Psychology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PSY 2033 Adolescent Psychology</td>
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<tr>
<td></td>
<td></td>
<td>PSY 2213 Introduction to Personality Theory</td>
</tr>
<tr>
<td>Sociology</td>
<td>9</td>
<td>SOC 1113 Introduction to Sociology (required)</td>
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<tr>
<td></td>
<td></td>
<td>SOC 2133 Crime and Delinquency</td>
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<td></td>
<td></td>
<td>SOC 2173 Problems in Sociology</td>
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<td></td>
<td></td>
<td>SOC 2183 Sociology of the Family</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
<td>SS 2233 Social Studies Capstone</td>
</tr>
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</table>

INSTITUTIONAL REQUIREMENTS ................................................................................................................... 3 hours

Must fulfill computer literacy requirement. See page 41 for options.
SUSTAINABLE AGRICULTURE
Associate in Applied Science

General Requirements: Total Hours: 60 • Minimum GPA: 2.0
Program Description: The program emphasizes the application of viticulture and winemaking theory for decision-making in actual production situations. The Viticulture and Enology Degrees prepare students for direct entry in the wine industry upon completion of their course of study at Redlands Community College. Also, students currently employed in the wine industry may upgrade and update their skills and knowledge and those with a general interest in wines, pairing wine and food and viticulture and grapevines may take classes for enjoyment and further knowledge. Bachelor of Applied Science degrees will accept transfers from this program.

GENERAL EDUCATION REQUIREMENTS FOR VITICULTURE AND ENOLOGY ......................... 30 hours

<table>
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<th>Area</th>
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<td>ENGL1213 English Composition II or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENGL2033 Technical Writing and Reporting</td>
</tr>
<tr>
<td>Speech</td>
<td>3</td>
<td>SPCH 1113 Fundamentals of Speech or</td>
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<tr>
<td></td>
<td></td>
<td>SPCH 2313 Business and Professional Speech</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
<td>POLS 1113 U.S. Government</td>
</tr>
<tr>
<td>Life Science</td>
<td>4</td>
<td>BISC 1114 Biology with Lab</td>
</tr>
<tr>
<td>Physical Science</td>
<td>4</td>
<td>PHSC 1114 Physical Science with Lab or higher</td>
</tr>
<tr>
<td>Math</td>
<td>3</td>
<td>MATH 1493 Contemporary Math or higher</td>
</tr>
<tr>
<td>Business</td>
<td>3</td>
<td>BUS 2513 Business Statistics or higher</td>
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<tr>
<td>Orientation</td>
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<td>ORT 1111 Orientation or</td>
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<tr>
<td>Agriculture</td>
<td>3</td>
<td>AGRI 1101 Agriculture Orientation</td>
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<td></td>
<td></td>
<td>AGEC 2113 Farm and Ranch Management or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AGRN 2313 Weed Science or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AGEC 2143 Agriculture Marketing or</td>
</tr>
</tbody>
</table>

TECHNICAL-OCCUPATIONAL SPECIALITY COURSES ............................................................................... 25 hours

Enology students take 15 hours from Enology and any 10 from Viticulture.
Viticulture students take 15 hours from Viticulture and any 10 from Enology.

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enology</td>
<td>10-15</td>
<td>ENO 1112 Enology I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENO 1121 Sensory Evaluation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENO 2112 Enology II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENO 2122 Analysis of Must and Wine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENO 2132 Winery Operations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENO 2141 Wine and Society</td>
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<tr>
<td></td>
<td></td>
<td>ENO 2103 Enology Practicum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2962 Vineyard and Winery Marketing</td>
</tr>
<tr>
<td>Viticulture</td>
<td>10-15</td>
<td>VIN 1111 Oklahoma Vineyard Management</td>
</tr>
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<td></td>
<td></td>
<td>VIN 1121 Global Terroir</td>
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<td></td>
<td></td>
<td>VIN 2111 Integrated Pest Management</td>
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<td></td>
<td>VIN 2112 Viticulture II</td>
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<tr>
<td></td>
<td></td>
<td>VIN 2221 Vineyard Technology</td>
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<td></td>
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<td>VIN 2231 Soil, Irrigation and Nutrition</td>
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<td></td>
<td></td>
<td>VIN 2103 Viticulture Practicum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VIN 2962 Vineyard and Winery Marketing</td>
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</tbody>
</table>

SUPPORT AND RELATED COURSES .................................................................................................... 5 hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Min. Hours</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>5</td>
<td>CHEM 1215 Chemistry I with Lab</td>
</tr>
</tbody>
</table>
VITICULTURE
Certificate of Mastery

General Requirements: Total Hours: 15 • Minimum GPA: 2.0
Program Description: The program emphasizes the application of viticulture and winemaking theory for decision-making in actual production situations. The Viticulture and Enology Certificates prepare students for direct entry in the wine industry upon completion of their course of study at Redlands Community College. Also, students currently employed in the wine industry may upgrade and update their skills and knowledge and those with a general interest in wines, pairing wine and food and viticulture and grapevines may take classes for enjoyment and further knowledge. In addition, courses are available for students interested in transferring to a four-year institution.

SPECIALIZED PROGRAM REQUIREMENTS ...................................................................................... 15 hours

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<th>Area</th>
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<td>Viticulture</td>
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<td>VIN 1111 Oklahoma Vineyard Management</td>
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<td>VIN 2221 Vineyard Technology</td>
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<td>VIN 2231 Soil, Irrigation and Nutrition</td>
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<td>VIN 2962 Vineyard and Winery Marketing</td>
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<td>VIN 2103 Viticulture Practicum</td>
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SECTION III-COURSE DESCRIPTIONS

Courses and their descriptions are listed alphabetically in the following pages. The number assigned to each course reflects specific information. The first digit denotes course level. Courses numbered 0001 to 0999 are zero-designation courses which satisfy high school curricular requirements. Courses numbered 1000 to 1999 are primarily freshman-level courses. Courses numbered 2000 to 2999 are primarily sophomore-level courses. The second and third digits identify the course within the total offerings of the department. The fourth digit denotes the number of credit hours assigned to the course. Courses offered for a variable number of credit hours end with the numbers 1-4.

Accounting (ACCT)  Health, Physical Education & Recreation (HPER)
Administrative Management & Technology (AMT)  History (HIST)
Agriculture/Agriculture Communication (AGRI)  Homeland Security (HLS)
Agriculture Economics (AGEC)  Humanities (HUM)
Agronomy (AGRN)  Journalism (JOUR)
Allied Health Science (AHS)  Management (MGMT)
Animal Science (ANSI)  Marketing (MRKT)
Anthropology (ANTH)  Mathematics (MATH)
Art (ART)  Microbiology (MICR)
Astronomy (ASTR)  Music (MUS)
Biological Science (BISC)  Natural Science (NASC)
Botany (BOT)  Nursing (NURS)
Business (BUS)  Orientation (ORT)
Chemistry (CHEM)  Philosophy (PHIL)
Child Development (CD)  Physical Science (PHSC)
Communications (COM)  Physics (PHYS)
Computer Science (CMSC)  Political Science (POLS)
Criminal Justice (CJ)  Psychology (PSY)
Economics (ECON)  Sociology (SOC)
Emergency Management Response (EMR)  Spanish (SPA)
Emergency Medical Technology (EMT)  Speech (SPCH)
English (ENGL)  Viticulture (VIN)
Enology (ENO)  Weapons of Mass Destruction (WMD)
Equine Science (EQSC)  Wildlife Science (WILD)
Geography (GEG)  Zoology (ZOOL)
Geology (GEOL)
ACCOUNTING

ACCT 1063 BOOKKEEPING PROCEDURES
This course is an introductory course which presents the procedural aspects of accounting, maintenance of accounting records and the preparation of financial statements. This is a good course for people needing to know basic bookkeeping. This course does not transfer to other schools as accounting credit. Students without previous bookkeeping training may elect to take this course prior to taking ACCT 2173 Financial Accounting.

ACCT 1073 COLLEGE ACCOUNTING
This is an introductory level course focusing on the concepts of accounting. Students will cover the simple accounting functions that they will need to know for their future accounting classes. This foundation will allow them to understand the complex language and insight associated with Accounting. Next courses in sequence: ACCT 2173-Financial Accounting, ACCT 2183-Managerial Accounting

ACCT 2101 PAYROLL ACCOUNTING
This course covers the basic procedures of a payroll accounting system. Content includes the study of manual systems, various laws regulating payroll data and preparation of payroll tax returns.

ACCT 2173 FINANCIAL ACCOUNTING
Prerequisite: BUS 1053 Business Mathematics
This course covers the basic principles of financial accounting processes and accrual accounting concepts. Content includes journalizing, adjustments, inventories, depreciation, current and long term assets and liabilities and owner’s equity including stocks.

ACCT 2183 MANAGERIAL ACCOUNTING
Prerequisite: ACCT 2173 Financial Accounting
This course covers basic concepts, objectives and interpretations of accounting information needed by firm managers for planning, controlling and decision making. Cost concepts and systems, budgeting, segment reporting methods, performance measures, use of cost data in decision making and financial statement analysis are emphasized.

ACCT 2193 INTERNAL CONTROL AND AUDITING
Internal Control and Auditing is a study of internal control and auditing standards and processing used by accountants, managers, internal auditors and independent public accountants. Also, the course will cover auditing principles and procedures, auditing standards, ethics, working papers and audit reports.

ACCT 2213 COMPUTERIZED ACCOUNTING
Prerequisite: ACCT 1063 Bookkeeping Procedures or ACCT 2173 Financial Accounting or equivalent
Using current Windows-based accounting software, this course introduces methods and techniques for the computerized accounting cycle. Hands-on experience is gained in performing accounting tasks such as editing charts of accounts, entering beginning balances from a balance sheet, recording transactions, reconciling accounts, preparing financial statements and maintaining accounting records.

ACCT 2223 TAX ACCOUNTING
Prerequisite: ACCT 2173 Financial Accounting
This course is designed to present the student with a study of general federal income tax principles such as income, deductions, losses, and property transactions. The principles of individual taxation will be covered as well as an overview of tax considerations for entities such as corporations and partnerships.

ACCT 2603 INTERMEDIATE ACCOUNTING
Prerequisite: ACCT 2173 Financial Accounting
This course covers the concepts of advanced principles of accounting. Emphasis will be the application of these concepts as they relate to areas such as the accounting process, assets, temporary investments, receivables, inventories, long-term investments and plant and equipment.

ACCT 2703 INTERMEDIATE ACCOUNTING II
Prerequisite: ACCT 2603 Intermediate Accounting I
This course is a continuation of ACCT 2603. Emphasis will be the application of these concepts as they relate to areas such as liabilities, stockholders’ equity, correction of errors, cash flow reporting and financial statement analysis.

ADMINISTRATIVE MANAGEMENT & TECHNOLOGY

AMT 1033 BASIC COMPUTER KEYBOARDING SKILLS
This course is designed to teach basic computer skills and the touch-system to input and retrieve data through use of computer keyboards.
AMT 1043 DOCUMENT FORMATTING
This course is a review of keyboarding fundamentals and the development of increased accuracy and speed. Inputting business letters, tabulations, business forms, manuscripts and legal documents will be practiced. Emphasis is placed on the development of production ability and mailable copy.

AMT 1313 MEDICAL PROCEDURES CODING
Prerequisite: ZOOL 2134 Anatomy with Lab
This course is an introduction to the basic coding skills needed to accurately convert both procedure descriptors and diagnosis descriptors into codes that are utilized in the medical reimbursement process. Medicare mandates all medical facilities billing use medical coding.

AMT 1323 MEDICAL DIAGNOSTIC CODING II
Prerequisites: ZOOL 2153 Human Anatomy & Physiology I
This course prepares the student to competently use ICD9-CM Coding for hospitals and outpatient facilities. It also includes coding for inpatient procedures from the ICD9-CM manual.

AMT 2001-4 OFFICE ADMINISTRATION AND TECHNOLOGY SEMINAR
This course is a study of selected aspects of office administration and technology.

AMT 2153 WORD PROCESSING
This course will lead the student to a comprehensive use of current word processing software (e.g. Microsoft Word) to create, modify, store, retrieve, and print a variety of documents including but not limited to letters, reports, forms, flyers, resumes, memos, and newsletters.

AMT 2163 ADMINISTRATIVE OFFICE MANAGEMENT
This course focuses on the computerized and non-computerized administrative tasks performed in today’s electronic office. Content includes organization concepts, traditional and electronics information resources, decision making and communication systems.

AMT 2222 MACHINE TRANSCRIPTION
Prerequisite: AMT 1043 Document Formatting
This course emphasizes proofreading, application of written communication skills and proper dictating and transcribing procedures.

AMT 2233 MEDICAL TRANSCRIPTION
Prerequisite: AMT 2303 Desktop Publishing and AHS 1123 Medical Terminology
This course is designed to prepare the student for entry level employment as a medical transcriptionist by providing the basic knowledge and skills required to transcribe medical dictation in mailable form with accuracy, clarity and timeliness, while applying the principles of professional and ethical conduct. Students will use modern transcribing machines and word processing software.

AMT 2253 LAW OFFICE TECHNOLOGY
Suggested Prerequisite: AMT 2153 Word Processing or equivalent
This course focuses on practical computer applications used in legal organizations, most specifically current computer technology and software applications within the law office. It will demonstrate how to select and use appropriate software to manage electronic files, to create documents, billing, calendaring and case management.

AMT 2303 DESKTOP PUBLISHING
Students will extend basic word processing knowledge and skill to include production of a variety of documents and professional presentations. Emphasis will be on advanced features of word processing software (e.g. MS Word ), such as merging, macros and templates as well as techniques to embed, link and integrate documents to other software applications (e.g. MS Power Point).

AMT 2323 INFORMATION/RECORDS MANAGEMENT
Prerequisite: AMT 1033 Basic Computer Keyboarding Skills
This course emphasizes the principles and practices of effective information and records management for manual and automated records systems. The filing rules taught comply with the simplified filing standards developed by the American Records Management Association (ARMA).

AMT 2333 ADVANCED MEDICAL CODING
Prerequisites: AMT 1313 Basic Coding and ICD9–Level I and AMT 1323 Basic Coding and ICD9–Level II and ZOOL 2134 Human Anatomy
This course presents actual case studies from hospital charts, physician’s office charts and ambulatory surgery center charts. The student selects inpatient and/or outpatient coding of procedures and diagnoses.
AMT 2353 MEDICAL BILLING
This course covers the various types of insurance carriers and procedures necessary for obtaining proper reimbursement from each type of carrier. Also covered is how to collect information for filing, fill in claim forms, follow-up delinquent claims and handle items such as payments, co-payments and write-offs.

AMT 2423 LEGAL PROCEDURES AND PROFESSIONS
This course provides an overview of general legal information including the history of law, court system structure and litigation procedures. The course includes the study of law office management and procedures emphasizing docket control, ethical concerns and legal career options.

AMT 2433 LEGAL TERMINOLOGY
Suggested Prerequisite: AMT 2153 Word Processing or equivalent
Legal Terminology is a comprehensive guide to the language of the legal system. This course will help the student to understand the terminology of contracts, forms, civil actions, court documents and all systems that are vital for a successful career as a Legal Professional. Additionally, this course is ideal for any student wanting to learn common legal terms and legal language.

AGRICULTURE

AGRI 1101 AGRICULTURE ORIENTATION
This course covers the development of good study skills and test taking skills and the identification of the many careers available within the field of agriculture.

AGRI 2001-4 AGRICULTURE SEMINAR
This course is a study of selected topics in agriculture.

AGRI 2113 COMPUTERS IN AGRICULTURE
This course surveys the concepts and principles of computer technology to be used in agriculture. Hands-on experience in the use of spreadsheet, word processing, database, recordkeeping and presentation software, as well as how to research agricultural problems on the Internet will be emphasized.

AGRI 2123 PUBLIC RELATIONS AND MARKETING IN AGRICULTURE
This course is designed for agricultural communications students who have a desire to improve their public relations and marketing skills by incorporating a variety of communications tools into a practical learning experience.

AGRI 2143 INTRODUCTION TO AGRICULTURE EDUCATION
The focus of this introductory agricultural education course is to examine the role and purpose of agricultural education programs in public schools. The components of an agricultural education program, classroom and laboratory, youth development, and experiential learning, will provide the conceptual framework for understanding teaching and learning in the context of agriculture, food, fiber and natural resources.

AGRI 2193 AGRICULTURE INTERNSHIP
This course is designed to enhance students’ classroom experience in agricultural related areas. The internship will provide the students opportunities to gain further insight into the multi-faceted agriculture industry.

AGRI 2303 AGRICULTURE LEADERSHIP
This capstone course is designed for agriculture students interested in leadership studies. The course will enable students to explore their roles as leaders in a changing agriculture industry. Students will learn about emerging value-added agriculture industries and will develop a Personal-Best Leadership Capstone Project. The emphasis will be on enabling students to explore their personal values system as it applies to leadership. Specific topics include: vision, values, balance, self-awareness and the leadership context. Students will also learn valuable job seeking, resume writing and portfolio building skills.

AGRICULTURAL COMMUNICATION

AGRI 2103 COMMUNICATION IN AGRICULTURE
This course focuses on the understanding and application of writing principles and communications theory as they are related to public issues in agriculture and the environment. Students explore graphic media in the forms of digital photography, electronic layout and design and Web site production. Students practice developing a variety of media and prepare a public relations campaign strategy portfolio.

AGRI 2214 METHODS OF SCIENTIFIC RESEARCH AND WRITING
This course is designed for the students to apply and complete the scientific method to their research from the
previous semesters. The requirements complete the steps of scientific research by teaching the student communication through writing. The course is designed as a “mock publication” to be completed with an oral presentation. Enrollment is contingent on permission of instructor.

**AGRI 2223 EXPLORATIONS IN AGRICULTURAL RESEARCH**
This course is designed as a research foundations experience which will offer students the opportunity to be involved in introductory agricultural research experiences. Explorations in agricultural research will enable students to see the relevance of course work in a “real life” learning laboratory. This course will encourage students to use the skills learned in the introductory animal science, agriculture computers and anatomy and physiology classes in the exploration of agricultural research.

**AGRI 2403 AGRICULTURAL EMERGENCIES AND AGROTERORISM**
An Agriculture Emergency is any type of event that, regardless of intent, jeopardizes the economic stability of any sector of the U.S. agricultural industry. This course focuses on the types of threats (natural, accidental and intentional acts) that can cause an agricultural emergency. The course will also focus on the exposure of pre- and post-harvest livestock and crops, including feed and/or water resources, by any Chemical, Biological, Radiological, Nuclear and/ or Explosive (CBRNE) hazard and the potential outcomes of this type of event.

**AGRICULTURAL ECONOMICS**

**AGEC 1374 INTRODUCTION TO AGRICULTURAL ECONOMICS**
This course presents basic economic theory of production, marketing and consumption of agricultural products and the role and structure of agriculture in the American economy.

**AGEC 2113 FARM AND RANCH MANAGEMENT**
This course covers the application of principles and practices of farm and ranch management in order to improve or enhance the profitability of the enterprise.

**AGEC 2143 PRINCIPLES OF AGRICULTURE MARKETING**
This course covers the types of marketing practices and alternatives to these marketing practices. Emphasis will be on the application of principles of marketing for consideration when marketing livestock and crops and how to identify markets and market strengths and weaknesses in order to enhance the selling price of agriculture products.

**AGRONOMY**

**AGR 1124 INTRODUCTION TO SOIL SCIENCE**
This course provides a hands-on opportunity to survey Oklahoma soils, take and interpret soil samples and apply fertilizers according to soil analysis data. Identification of soil texture and soil structure also is covered. 3 semester credit hours lecture; 1 semester credit hour lab.

**AGR 1214 INTRODUCTION TO PLANT SCIENCES**
This course covers the concepts and principles of plant growth. Emphasis will be on the identification of plants and plant parts and the classification of plants according to adaptability and use. 3 semester credit hours lecture; 1 semester credit hour lab.

**AGR 2001-4 AGRONOMY SEMINAR**
This course is a study of selected topics in agronomy.

**AGR 2313 WEED SCIENCE**
This course emphasizes the identification of weeds and the selection of chemicals for controlling weeds. The opportunity to demonstrate skills for controlling weeds by chemical and mechanical means is provided.

**AGR 2323 PLANT, INSECT AND DISEASE CONTROL**
This course covers topics such as the identification of insects that affect certain plants, disease symptoms and the application of preventive measures. Selection and application of chemicals for controlling insects and plant diseases also will be covered.

**AGR 2333 RANGE AND PASTURE MANAGEMENT**
This course covers the application of range and pasture management principles to maintain plant and animal growth. Emphasis will be on identification of major range and pasture plants, determination of stocking rates and identification of means and practices for maintaining and enhancing plant growth in an economical and cost effective manner.
ALLIED HEALTH SCIENCE

AHS 1103 HEALTH CARE TECHNOLOGY AND INFORMATICS
This course is designed to provide the Allied Health/Nursing Student a general overview of how technology has been incorporated into the current health care system. Covered topics include the use of technology in healthcare and healthcare systems, retrieval of reliable information from known databases, electronic health record, health information and health literacy as well as many other current topics involving health care technology.

AHS 1123 MEDICAL TERMINOLOGY
This course presents a study of basic medical terminology. Prefixes, suffixes, word roots, combining forms, special endings, plural forms, abbreviations and symbols are included in the content. Programmed learning resources, individual and group presentations, seminars and independent study are utilized to build study skills in constructing/analyzing new terms. Emphasis is placed on spelling, definition, usage and pronunciation. Abbreviations are also introduced as related terms are presented.

AHS 2000-4 TOPICS IN ALLIED HEALTH SCIENCE
This course provides selected learning opportunities in specific areas of health sciences.

AHS 2013 NUTRITION
This course examines the basic composition of nutrients and accessory factors required for adequate human nutrition. It includes the application of nutritional principles to the planning of normal and special dietary regime.

AHS 2113 PHARMACOLOGY
This course is an in-depth study of pharmacologic principles, including pharmacodynamics, pharmacokinetics, specific drug groups and considerations in administration. Trends and issues in pharmacologic perspectives also are discussed. The course will benefit those going into health careers such as EMT, nursing, medicine and pharmacy.

ANIMAL SCIENCE

ANSI 1124 INTRODUCTION TO ANIMAL SCIENCE
This course is an overview of the livestock industry including the definition of animal science, the description of the value of animal products in providing for the world’s food and an explanation of the current rate of growth or decline of animal products on a worldwide basis. Emphasis will include the aspects of nutrition, genetics, reproduction, lactation and health and animal behavior as such systems affect the profitability of the livestock industry. Discussion will center on industry trends within areas such as beef cattle, dairy cattle, poultry, sheep and goats, horse and rabbits, including factors that will influence these industries in the future. 3 semester credit hours lecture; 1 semester credit hour lab.

ANSI 1213 LIVESTOCK PRODUCTION
This course covers the application of the basic principles of livestock production. Emphasis will be on livestock breeds, characteristics and selection, balancing rations and feeding recommendations.

ANSI 2001-4 ANIMAL SCIENCE SEMINAR
This course is a study of selected topics in Animal Science.

ANSI 2112 LIVESTOCK EVALUATION AND SELECTION
This course covers the use of performance records, pedigree information and visual appraisal in the evaluation of cattle, swine and sheep. Students have the opportunity to judge livestock classes and give oral reasons.

ANSI 2122 MEAT ANIMAL CARCASS EVALUATION
This course discusses how to identify and evaluate carcass cuts and apply yield grades and grading standards to live meat animals. Students have an opportunity to select superior meat animals.

ANSI 2123 LIVESTOCK FEEDING
This course covers the principles of animal nutrition with emphasis on nutrients and their functions for various classes of livestock feeding. Formulating rations for beef, swine, dairy and poultry and using the results of the rations for improving rate of gain and controlling costs is also covered.

ANSI 2133 ADVANCED LIVESTOCK EVALUATION AND SELECTION
Prerequisite: ANSI 2112 Livestock Evaluation and Selection and approval of the instructor
This course provides advanced training with livestock evaluation and selection. Emphasis will be on the
demonstrated ability to judge livestock classes and present oral reasons for selection. Students have the opportunity to serve on the Redlands Community College Livestock Judging Team.

ANSI 2142 ARTIFICIAL INSEMINATION
This course is a study and practice of artificial insemination of beef cattle including heat detection, semen care and storage, semen deposition, synchronization, sanitation and sire selection.

ANSI 2143 ANATOMY AND PHYSIOLOGY OF REPRODUCTION
This course provides the opportunity to examine the reproductive systems of livestock as such systems produce new offspring. Emphasis will be on identifying the heat cycle, collecting and storing semen and semen deposition, applying the methods of synchronization to alter the heat cycle and demonstrating proficiency with cattle artificial insemination.

ANSI 2163 BEEF PRODUCTION
This course provides an introduction to the beef cattle industry. Students will study topics including cattle reproduction, anatomy and physiology, management, marketing and pasture management. Upon completion students should be able to demonstrate a basic understanding of beef cattle production practices and the economic impact of the beef cattle industry in Oklahoma.

ANSI 2233 FITTING AND GROOMING
This course provides the opportunity to demonstrate procedures for grooming livestock for sale and show. Emphasis will be on how to identify, select and use equipment for grooming beef cattle, swine and sheep.

ANSI 2253 BEEF CATTLE FEEDLOT OPERATIONS
This course discusses and demonstrates each phase of the feedlot operations including receiving, processing, nutrition, ration formulation, health, doctoring, projections, cost and efficiency of gain, marketing and evaluation.

ART

ART 1013 BASIC ART I: 2D DESIGN
This is an introductory course in the two dimensional use of the principles and elements of art and design. Emphasis is placed on the organizational command of the 2D picture plane and issues of illusion. Format of this class will be a combination of studio practice, lecture, demonstration, critique, and quizzes. Students will explore a variety of art mediums including: Drawing, Painting, Mixed Media, and Printmaking. In class exercises, process work, research, and written reflections challenge students to explore the basics of two-dimensional design. Throughout the course, students will collect works to create a portfolio to be evaluated at the end of the semester.

ART 1023 BASIC ART II: 3D DESIGN
Prerequisite: ART 1013 Basic Art I: 2D Design
This is an introductory course in the Three Dimensional use of the principles and elements of art and design. Students will work using both the additive and subtractive process, exploring media through representational, abstract and expressive works. Technique as well as composition will be explored through the use of both the elements and principals working in three dimensions. Color theory will be explored and discussed in depth as well as the historical context of these methods. Studio experiences, research, and written reflections will challenge students to explore these processes. Throughout the course, students will collect works to create a portfolio to be evaluated at the end of each semester.

ART 1033 ARTS AND CRAFTS
This course introduces the student to many types of materials used in crafts and encourages creative experimentation while discovering the limitations and possibilities of those materials. It brings about the development of new skills and attitudes. Projects include working with paper, wood, plaster of Paris, yarn, string and wire.

ART 1043 ART DESIGN AND CRAFTS
This course offers experimentation, the development of new skills and exploration with new materials, giving the student experiences in constructive activities such as weaving, linoleum block printing, collage, puppet making and jewelry designing.

ANTHROPOLOGY

ANTH 2013 ANTHROPOLOGY
This course is an introduction to the study of the origin and development of human culture. Particular topics include race, society, customs and beliefs.
**ART 1073 COLOR AND DESIGN**
This course is a study of color theories, perceptions, and the practical application of color principles to a variety of design problems. Students will learn color mixing and color application through a series of projects using color harmonies and visual/psychological color effects. Students will explore the uses of color while using the principles of design in the creation of original works of art. Throughout the course, students will collect works to create a portfolio to be evaluated at the end of each semester.

**ART 1113 ART APPRECIATION I**
This course is a study of art from a variety of different backgrounds and cultures as both product and process. Aesthetic judgment making in evaluation of art from different times and places is stressed. The course will cover arts, artists and their cultures, from the Prehistoric man through the Early Renaissance.

**ART 1123 ART APPRECIATION II**
This course is a study of the arts, artists and their cultures from the Early Renaissance to the present.

**ART 2001-3 ART SEMINAR**
This course is a study of selected topics in art.

**ART 2063 INTRODUCTION TO DIGITAL PHOTOGRAPHY**
Digital photography has changed the way photographers, both beginners and professionals, think. This class will give the student basics on what type of camera, computer and software they may want or need to achieve the digital darkroom. They will learn how to capture an image and what to do with that image. Time will be spent on how to move the image from the camera to the computer, along with making corrections for exposure and color. One of the most convenient things about digital photography is how easy it is to share your photos with others. The class will cover printing, e-mailing and how to prepare your photo to use on a website.

**ART 2093 PAINTING I**
This course is an introduction to the materials and technical aspects of painting with oil or acrylic media. Students will work from direct observation and reference material, exploring use of media through representational and expressive paintings. The process of painting, as well as composition (balance, unity, emphasis and manipulation of space) will be explored through the use of color, value, line, texture, opacity and shape. Students will learn color mixing and glazing techniques, and experiment with various brushwork and knife techniques. Throughout the course, students will collect works to create a portfolio to be evaluated at the end of each semester.

**ART 2103 PAINTING II**
Prerequisites: ART 2093 Painting I
This is an advanced course focusing on the materials and technical aspects of painting with oil or acrylic media. Students will work from direct observation and reference material as well as exploring the use of media through more experimental techniques. Students will experiment with the formal and expressive potential of surface and objective and subjective color as well as the psychological effects of color. Students will learn how to stretch and prepare canvas and work toward finding their own voice and artistic style while creating original art works that show an extremely high level of craftsmanship and presentation. Throughout the course, students will collect works to create a portfolio to be evaluated at the end of each semester.

**ART 2113 DRAWING II**
Prerequisites: ART 2283 Drawing I
This is an advanced drawing course, which builds off the student’s existing drawing skills and knowledge of the medium. The course will emphasize creative exploration and discovery of students’ own aesthetic language, while continuing to introduce and explore a variety of tools and techniques. Emphasis will be placed on the further growth of all aesthetic qualities as they relate to a more complicated visual means of expression.

**ART 2123 NATIVE AMERICAN PAINTING**
This course introduces the student to the symbolism, heritage and painting techniques involved in Native American art.

**ART 2163 INTERMEDIATE DIGITAL PHOTOGRAPHY**
This course complements ART 2063, Introduction to Digital Photography, with students progressing in the areas of more advanced computer software skills and photography techniques. Upon completion, the students will possess a greater knowledge of color management and file formats, including JPEG, TIFF and Photoshop files.

**ART 2213 SCULPTURE**
Prerequisites: ART 1013 Basic Art I: 2D Design or approval of the instructor
Sculpture is the creative approach to sculptural building
techniques and form exploration using a variety of media. This course will focus on idea development, using both traditional and nontraditional three-dimensional materials. It will emphasize conceptual reasoning and consideration of material choice, craft, form, space, sit, presentation, and context. It will provide a forum for the discussion and exploration of sculptural practices, and the possibilities made available by such an expansive field.

**ART 2233 POTTERY I**
This is an introductory course in the basics of ceramics. Students enrolled in this course need no previous knowledge of art. The course is structured to provide instruction and basic techniques of clay construction and design. Methods of pottery include a variety of hand building techniques and an introduction to wheel throwing. Through this course, students will develop a basic terminology of ceramics as well as being introduced to the glazing and firing process.

**ART 2243 PAINTING III**
Prerequisite: ART 2103 Painting II
This course covers advanced exploration of materials and technical aspects of painting. Students may use their choice of oil or acrylic painting media for this class. Students will explore the historical concepts of painting and contrast them to contemporary methods. Students will have the opportunity to concentrate on developing their individual concepts and means of personal expression while creating a substantial body of work.

**ART 2263 POTTERY II**
Prerequisite: ART 2233 Pottery I
Pottery II is a course in advanced pottery, building off of previous knowledge and experience with clay. This course continues to develop the students’ skills in a variety of techniques including hand building and wheel throwing. Students will continue their experience and gain further knowledge in glazing and firing processes, as well as building their ceramics vocabulary. Students will also be given an opportunity to explore their own ideas and personal style in the creation of a body of work.

**ART 2283 DRAWING I**
The impulse to draw is instinctive and the act of drawing is a vital tool in the creative process of making art. This course is an introduction to drawing and emphasis will be on representational and expressive drawing through direct observation. The process of drawing, as well as composition, light and shade, figure-ground relationship, proportion, perspective, and line quality will be explored in a variety of media. The student will develop a working knowledge of linear perspective and gain experience in using other various means for creating an illusion of spatial depth within a drawing.

**ASTRONOMY**

**ASTR 1614 ASTRONOMY WITH LAB**
Prerequisites: none
This course is designed to examine the history and principles of astronomy. Topics related to the solar system, stars, galaxies and universe are covered. Includes a hands-on practical experience in areas including optics, optical telescopes, modeling of our solar system, use of a telescope and nighttime observation of constellations. This course will satisfy physical science requirements for graduation. 3 hours lecture credit, 1 hour lab credit

**AVIATION TECHNOLOGY**

**ATEC 1113 AVIATION MAINTENANCE TECHNOLOGY - ELECTRICITY**
Course may be waived with a valid Department of Transportation Federal Aviation Administration certificate. The student will calculate and measure capacitance, inductance and electrical power. The student also will measure voltage, current, resistance and continuity and understand the relationship of each. The student will read and interpret aircraft electrical circuit diagrams, including solid-state devices and logic functions and inspect and service batteries. Laboratory experiences are an integral part of this course. This course will be offered though a technology center Federal Aviation Administration accredited Aviation Maintenance Technology program.

**ATEC 1519 AVIATION MAINTENANCE TECHNOLOGY - GENERAL**
Prerequisite: ATEC 113 Aviation Maintenance Technology - Electricity.
Course may be waived with a valid Department of Transportation Federal Aviation Administration certificate. The student will read, understand and perform the following: aircraft drawings, weight and balance, fluid lines and fittings, materials and processes, ground operation and servicing, cleaning and corrosion control,
BIOLOGICAL SCIENCE

BISC 1113 BIOLOGICAL CONCEPTS
Prerequisites: none
This course is designed to provide fundamental information concerning life and life processes with an introduction to the integration between structure and function. Introduction of principles at the major levels of biological organization is included. This course will satisfy the lecture-only life science requirement for graduation and is not intended for health or science majors. 3 hours lecture credit

BISC 1114 BIOLOGY WITH LAB
Prerequisites: none
This course includes fundamental information concerning life and life processes with an introduction to the integration of structure and function. Application of principles at the major levels of biological organization is included in both lecture and laboratory. 3 hours lecture credit, 1 hour lab credit

BISC 2123 GENETICS AND MAN
This course is a study of genetic principles associated with mechanisms of heredity and relationship of genetics to diseases, inheritance, evolution and contemporary social problems.

BISC 2444 ECOLOGY
This course is a study of relationships between plants and animals and their environments related to the interactions of the ecosystems. Individual and group projects are utilized to understand basic ecological principles.

BOTANY

BOT 1114 BOTANY WITH LAB
Prerequisites: none
This course is a study of morphology, anatomy and physiology of plants with emphasis in phylogenetic relationships. Plant ecology, variation heredity and economic importance are included. 3 hours lecture, 1 hour lab credit

BUSINESS

BUS 1053 BUSINESS MATHEMATICS
This course presents a brief review of the fundamental operations of arithmetic, common and decimal fractions,
application of percentage with emphasis on cash and trade discounts, merchandising, simple and compound interest, depreciation, taxes and insurance. A practical application of basic mathematics in the business environment is given.

**BUS 1061 INCOME TAX PREPARATION—INDIVIDUAL**
This course is designed to give the student practical applications with the basics of individual income tax preparation. The most commonly used forms for filing state and federal returns will be used.

**BUS 1083 BUSINESS ENGLISH**
This is a thorough course in practical English usage and grammar. A study of sentence structure, parts of speech, forms and type and agreement of verbs is emphasized.

**BUS 1103 INTRODUCTION TO BUSINESS**
This course is an overview of modern business and an introduction to various functions of business such as economics, management, marketing, finance, business law and government involvement.

**BUS 1353 BUSINESS ETHICS**
This course introduces students to traditional concepts of ethical behavior, as they apply to the challenges of conducting business in the modern marketplace. The student will be encouraged to develop an understanding of ethics that is both legally and philosophically defensible by examination of notable moral failures in the business environment. Special emphasis will be given to the definition of ethical terms, recognition of the potential costs and benefits of ethical business behavior, and the application of this knowledge to actual business scenarios.

**BUS 1363 BASIC PRINCIPLES OF REAL ESTATE**
This course covers an introduction to the real estate profession; Oklahoma real estate laws and codes; nature and classification of the property rights; surveying and land description; titles, deeds and contracts; financing; taxes; insurance; home-ownership; and closing information. This course prepares the student to take the State Real Estate Commission Examination for a sales associate’s license. The course fulfills Oklahoma’s Real Estate requirements.

**BUS 1373 BASIC PRINCIPLES OF INSURANCE**
This course introduces the basic types of insurance, terminology, types of policies and actuary principles of insurance.

**BUS 1383 PERSONAL INSURANCE**
This course presents the principles of insurance against the contingencies of death, survival and disability; family and business needs; life annuity; health and accident contracts; premiums, revenues, surplus and dividends; organizations; management of insurance carriers; and insurance planning.

**BUS 1403 ADVANCED REAL ESTATE**
This course is designed to meet the requirements of Oklahoma Real Estate Commission to take the Real Estate Broker’s Examination. Advanced Real Estate covers business practices and professional standards, taxes, titles, liens, property management, real estate law, closing statements, equal opportunity in housing, real estate math and methods of appraising. This course also meets continuing education requirements required by law.

**BUS 2001-4 BUSINESS SEMINAR**
This course presents studies in selected topics in business.

**BUS 2093 BUSINESS COMMUNICATIONS**
ENGL 1113 English Composition I and ENGL 1213 English Composition II and SPCH 1113 Fundamentals of Speech are recommended or approval of the instructor.

This course is a study and analysis of business and industrial communication problems, an analysis into communication theory and instruction and practice in effective communications, including the memorandum, letters, various business reports, proposals and professional oral presentations.

**BUS 2163 BUSINESS LAW**
This is an introductory course covering the principles of law as applied to contracts, warranties, commercial paper, agencies, types of business organizations, sales, property, bailment’s, bankruptcy and government regulations.

**BUS 2353 INTERNATIONAL BUSINESS ETHICS**
Prerequisites: CMSC 1223 Business Applications Software and Approval of the Program Coordinator
Using an international business mode, students work as team members in a simulated business firm in a state-of-the-art facility. The students perform various business functions (i.e., purchasing, accounting, marketing, human resources) as the firm transacts business with students in other simulated companies, both in the U.S.
and in other countries. Students are involved in decision making, critical thinking and team activities. Instructional emphasis will be given to International Business Ethics.

BUS 2513 BUSINESS STATISTICS
Prerequisite: MATH 1513 College Algebra
This course focuses on techniques for descriptive and inferential measures with emphasis on business applications. Topics covered include scientific decision making, data summary techniques, frequency distributions, probability, sampling and hypothesis testing.

CHEMISTRY

CHEM 1215 CHEMISTRY I WITH LAB
Prerequisite: MATH 0123 Intermediate Algebra or required score on placement exam.
This course covers the fundamental facts, laws, principles, theories and concepts of chemistry necessary for further work in science related subjects. There is a strong emphasis on the essential features of atomic structure, periodic properties, chemical bonding, molecular geometries of organic and inorganic compounds, stoichiometry, the reactions and properties of solutions, gas laws and thermochemistry. Lecture (3 semester credits) and laboratory (2 semester credits) are combined.

CHEM 1315 GENERAL CHEMISTRY I WITH LAB
Prerequisite: MATH 1513 College Algebra
This course includes the fundamental principles of this discipline such as the history and philosophy of chemistry, atomic theory and structure, types of compounds and chemical nomenclature, solutions and ionization, chemical reactions and stoichiometry, molecular bonding and structure, electron distribution and atomic spectra, nature of gases and gas laws and thermochemistry. Laboratory activities will include topics such as basic measurements and analysis, preparation of solutions, chemical reactions and stoichiometry, molecular bonding and structure, electron distribution and atomic spectra, chromatography, photo spectroscopy, nature of gases and gas laws and thermochemistry. Note: This course is designed for students with strong math and science ability who typically progress to CHEM 1415 General Chemistry II with Lab. Lecture (4 semester credits) and laboratory (1 semester credit) are combined.

CHEM 1415 GENERAL CHEMISTRY II WITH LAB
Prerequisite: CHEM 1315 General Chemistry I with Lab (or equivalent)
A continuation of CHEM 1315 General Chemistry I with Lab to include a study of chemical kinetics, chemical equilibria, solubility products, redox reactions, electrochemistry, chemical thermodynamics, nuclear chemistry, organic chemistry, biochemistry, metallic/transitional elements and coordination chemistry. Emphasis will be placed on chemical analysis utilizing instrumental methods. Laboratory activities will include topics such as chemical kinetics, chemical equilibria, solubility/precipitation, redox reactions, electrochemistry, chemical thermodynamics, nuclear chemistry, organic chemistry, biochemistry and coordination chemistry. Lecture (3 semester credits) and laboratory (2 semester credits) are combined.

CHEM 2115 ORGANIC CHEMISTRY I WITH LAB
Prerequisites: CHEM 1315 Chemistry I with Lab (or equivalent)
This course provides students with a study of carbon and its compounds (inclusive of major functional groups except those taught in Organic Chemistry II). The study will place emphasis on organic molecular structures and nomenclature, synthesis and other reactions, stereochemistry and reaction mechanisms and an introduction to instrumental methods of analysis. Laboratory activities will include selected experiments involving the properties, preparation, analysis and separation of organic compounds. Emphasis will be placed on tradition “wet” methods and an introduction to instrumental methods of analysis such as nuclear magnetic resonance (nmr) and infrared spectroscopy. Lecture (3 semester credits) and laboratory (2 semester credits) are combined.

CHEM 2125 ORGANIC CHEMISTRY II WITH LAB
Prerequisite: CHEM 2115 Organic Chemistry I with Lab (or equivalent)
Corequisite: Lecture (3 semester credits) and laboratory (2 semester credits) are combined
This course provides students with a continued study of organic compounds (primarily biochemistry and those functional groups not covered in Organic Chemistry I). The study will place emphasis on molecular structures and nomenclature, synthesis and other reactions, stereochemistry and reaction mechanisms and an introduction to instrumental methods of analyzing these compounds (e.g. electrophoresis, nmr and infrared spectroscopy). Experiments and excursions will be included to provide students with “hands-on” activities
to include calibration of instruments, chemical analysis and graph interpretation.

**CHILD DEVELOPMENT**

**CD 2001–4 CHILD DEVELOPMENT SEMINAR**
This course includes special topic courses offered as the need arises in the areas of child development, early childhood education and parenting education. Mini-courses or workshops also are included.

**CD 2013 HUMAN NUTRITION**
This course examines the basic composition of nutrition and accessory factors required for adequate human nutrition. It includes the application of nutritional principles to the planning of normal and special dietary regime.

**CD 2023 NUTRITION, HEALTH AND SAFETY FOR CHILDREN**
This course covers how to establish and maintain physically and psychologically safe and healthy learning environments for children. Emphasis is on understanding the developmental consequences of stress and trauma, protective factors and resilience, the development of mental health and the importance of supportive relationships. Also covered are basic nutrition and health and safety management practices for young children, including specific procedures for infants and toddlers and procedures regarding childhood illness and communicable diseases. Discussion will include ways to recognize signs of emotional distress, child abuse and neglect in young children and the responsibility and procedures for reporting known or suspected abuse or neglect to appropriate authorities. Analysis of the USDA Dietary Guidelines and the application of those guidelines to planning meals and snacks for children are also covered. The course combines classroom instruction, hands-on activities and observations of children in group care.

**CD 2043 PARENT AND COMMUNITY RELATIONS**
This course is designed to prepare early childhood professionals who have the ability to establish and maintain positive collaborative relationships with families, who can respect parents’ choices and goals for children and communicate effectively with parents about curriculum and children’s progress and who can involve families in assessing and planning for individual children, including children with disabilities, developmental delays or special abilities and support parents in making decisions related to their child’s development and parenting. The content includes how professionals can become aware of educational resources available in the community. Participation in and planning of family and community activities that relate to the early childhood profession is also a part of the course. Also listed as SOC 2043.

**CD 2053 CHILD GROWTH AND DEVELOPMENT**
This course emphasizes the knowledge necessary to understand factors that influence the development of young children and the sequence and interdependency of physical, social, emotional, cognitive and language development in children from birth to age eight. Covered also is the development and interdependency of all developmental areas to meet the needs of the group and individual while respecting each child’s unique rates of development. The course combines classroom instruction, hands-on activities and observation of children in group care to develop competence in working with young children. Also listed as SOC 2153.

**CD 2063 BEHAVIOR AND GUIDANCE OF YOUNG CHILDREN**
This course emphasizes the knowledge necessary to provide positive child guidance strategies which help children learn to make responsible decisions regarding their own behavior and contributes to the development of self-control, self-motivation and self-respect. This course also outlines common causes of inappropriate classroom behavior. Also covered will be the roles families play and how routines, classroom arrangement and the activities provided have a direct effect on a child’s behavior. The course combines classroom instruction, hands-on activities and observation of children in group care to develop competence in working with young children. Also listed as SOC 2163.

**CD 2073 MUSIC, MOVEMENT AND CREATIVE ARTS**
This course emphasizes the acquisition of the knowledge of and ability to develop and implement meaningful, integrated learning experiences, using the central concepts and tools of inquiry in music, movement, creative arts and perceptual motor development. Understanding and appreciating the role of the arts in the development of young children and providing children with meaningful experiences in the arts is also covered. The course combines classroom instruction, hands-on activities and observations of children in group care to develop competence in the design and implementation of curriculum and instructional strategies related to music, movement and creative arts.
CD 2101—PORTFOLIO DEVELOPMENT IN CHILD DEVELOPMENT
In this course, the student begins compiling a professional portfolio. The portfolio will be developed around the state standards for early childhood education and the standards of the National Association for Education of Young Children. The portfolio will continue to be developed throughout the degree program.

CD 2103 EDUCATION AND SERVICES FOR CHILDREN WITH SPECIAL NEEDS
This course is designed to provide an understanding of conditions which affect children’s development and learning, including risk factors, developmental variations and developmental patterns of specific disabilities. Content covers how to create and modify environments and experiences to meet the individual needs of children with disabilities, developmental delays and special abilities. The course also includes opportunities to evaluate and demonstrate appropriate use of technology with young children, including assistive technologies. Knowledge of state and federal legislation related to providing services for children with disabilities and their families is also emphasized. The course combines classroom instruction, hands-on activities and observation of children with special needs.

CD 2173 COGNITIVE SKILLS FOR CHILDREN
This course explores theories of cognitive development and learning styles. Discussion will center on how to integrate curriculum and instructional strategies to encourage children’s critical thinking, problem solving, performance and technological skills. The course combines classroom instruction, hands-on activities and observations of children in group care and it provides opportunities to apply theories of cognitive development and learning styles to the design, development, implementation and modification of differing instructional approaches based upon children’s individual cognitive development and learning styles.

CD 2183 LANGUAGE AND SOCIAL SKILLS FOR CHILDREN
This course explores methods of skill development in encouraging children’s language and social development. Emphasis will be on 1) developing an understanding of emergent literacy theories and practices, 2) learning how to encourage classroom environments that foster positive dispositions toward literacy and 3) learning the processes and strategies for fostering young children’s writing skills, reading skills and second language acquisition skills. The course combines classroom instruction, hands-on activities and observations of children in group care.

CD 2203 PROGRAM PLANNING AND EVALUATION IN CHILD DEVELOPMENT
This course provides the opportunity to plan, implement and evaluate an integrated curriculum that focuses on children’s needs and interests and takes into account culturally valued content and children’s home experiences. Content will cover how to create, evaluate and select developmentally appropriate materials, equipment and environments that support children’s learning. The course will also focus on the design, implementation and evaluation of programs that address the importance of a multicultural approach to early childhood education. The course combines classroom instruction, hands-on activities and observations of children in group care.

CD 2223 PROFESSIONALISM IN CHILD DEVELOPMENT
This course prepares students to become early childhood professionals who reflect on their practices, articulate a philosophy and rational for decisions and continually self-assess and evaluate the effects of their choices and actions on others. Content will explore the early childhood profession and its multiple historical, philosophical and social foundations, including how these foundations influence current thought and practice. Opportunities will be provided to demonstrate a knowledge of and commitment to the professions code of ethical conduct and the importance of seeking out opportunities to grow professionally by locating and using appropriate professional literature, organizations, resources and experiences to inform and improve their practice.

CD 2233 ASSESSMENT & EVALUATION OF CHILD GROWTH & DEVELOPMENT
This course covers the use of informal and formal assessment strategies to plan an individual curriculum and teaching practices based on each child’s growth and development. Emphasis will be on how to observe, record and assess young children’s development and learning and how to engage children in self-assessment for the purpose of planning appropriate programs, environments and interactions and adapting for individual differences. Also covered will be how to develop and use authentic, performance-based assessments of children’s growth and development to assist in planning and to communicate with children and parents. The course combines classroom instruction,
hands-on activities and observations of children in group care.

COMMUNICATIONS

COM 0101 VOCABULARY DEVELOPMENT
This course is designed to enable students to increase their vocabulary levels while learning strategies for making growth in word knowledge a lifelong habit. Emphasis is placed on learning common morphemes—prefixes, suffixes and root forms; applying knowledge of common morphemes in unlocking the meaning of unfamiliar words; effective use of the dictionary; and techniques for making new words a permanent addition to one’s vocabulary.

COM 0111 READING COMPREHENSION
This course is designed to enable students to improve their levels of reading comprehension through the use of appropriate materials designed to meet specific, individual needs. Emphasis is placed upon diagnosing individual strengths and weaknesses in reading, then providing reading experiences which encourage growth in needed areas of reading comprehension.

COM 0121 SPEED READING
This course is designed to allow students to develop skills in skimming, scanning and accelerated reading. Emphasis is placed upon maintaining good comprehension while developing a variety of rates of reading according to their purpose and the difficulty of the materials.

COM 0123 READING IMPROVEMENT
This course provides opportunities for college students to improve their reading skills through a highly individualized program of study. The improvement of vocabulary, comprehension and/or rate of reading is stressed according to the student’s needs as determined through diagnostic testing. Application of acquired skills to practical situations is encouraged.

COM 0133 BASIC COLLEGE READING
Prerequisite: COM 0123 Reading Improvement or placement exam score.
This course is designed to assist in developing reading strategies which are needed for independent learning. Integrating the skills of reading, writing, listening and thinking in daily tasks will be emphasized. Special emphasis will be placed upon effective techniques for reading textbooks.

COM 1113 INTRODUCTION TO COMMUNICATIONS
This course is concerned with the improvement of skills in four areas of communication—listening, speaking, reading and writing. Interpersonal and small group communication is also stressed.

COM 1213 AMERICAN SIGN LANGUAGE I
This is a beginning course designed to develop the receptive and expressive manual communication skills used primarily by American-born persons who are deaf. Emphasis is on acquiring elementary conversational skills through targeted grammar, syntax and vocabulary. The importance of nonverbal factors is incorporated through the use of gestures, pantomime, body language and eye training. 2 semester credit hours lecture; 1 semester credit hour

COM 2001-3 COMMUNICATIONS SEMINAR
This course is a study of selected topics in communications and other aspects of the communicative arts.

COM 2113 AMERICAN SIGN LANGUAGE II
Prerequisite: COM 1213 American Sign Language I
This course is a continuation of American Sign Language I, with an emphasis on acquiring greater elementary conversational skills through an increase of targeted grammar, syntax and vocabulary. Expanded emphasis is on expressive skills to begin the development of sign language fluency. Completion of COM 1213 American Sign Language I and COM 2113 American Sign Language II should prepare pre-education majors to meet the State foreign language requirement. 2 semester credit hours lecture; 1 semester credit hour lab.

COMPUTER AIDED DRAFTING

CAD 1024 INTRODUCTION TO CAD
The student will learn and demonstrate the proper use of CAD software as a design tool in fields such as engineering and architecture. Emphasis will be on CAD fundamentals. The student will demonstrate understanding of the structure, use and development of CAD documents by correcting, creating, using and storing CAD documents.*

CAD 1114 BASIC DRAFTING
Prerequisite: Technical Math I
Basic Drafting introduces the student to the basic tools used in traditional or board drafting techniques. The
major emphasis will be the importance of line-work with the application of ASNI and industrial standards. The student will apply the proper lettering technique and basic drafting layout to orthographic drawings.*

**CAD 2013 CAD PRESENTATION GRAPHICS**
This course will teach students to utilize drawings as presentation graphics and interface with other software to present and use outcomes of drawings in a presentation format. Upon successful completion of this course, the students will be able to develop 3D drawings, create animations and interface through graphic files with other software.

**CAD 2034 ADVANCED CAD**
The student will produce complete CAD drawings by merging principles of CAD with standard drafting rules and conventions. Using design problems typical of those encountered in industry, CAD will be used to develop solutions that meet design specifications.*

**CAD 2124 RESIDENTIAL ARCHITECTURAL DRAFTING**
The student will demonstrate the basic subject matter, order of development and drafting ability. Includes techniques of residential design, method of representing plans, elevations and details of residential construction.*

**CAD 2133 COMMERCIAL ARCHITECTURAL DRAFTING**
The student will demonstrate the basic subject matter, order of development and drafting techniques of architectural drawing. This course develops drafting, not design ability. Includes techniques of light commercial construction.*

**CAD 2294 ADVANCED SPECIALTY DESIGN PROJECT**
The Advanced Specialty Design Project course CAD 2294 is the second part of the Specialty Design Project course CAD 2394 which allows the student to study, examine and gain additional drafting experience in his or her interest. CAD 2294 is an in-depth study and graphical design sequence of the student interest. In this course the student will do additional drawings which will enhance or compliment the first course CAD 2394 Specialty Design Project. The instructor again will work with the student to help develop a plan of work which will give the student the best experience in that industry. The following list is some ideas the student may choose from to study specific industries.*

**CAD 2313 CIVIL DRAFTING**
This course introduces the student to the basics of civil drafting techniques, methods and tools. The student will experience drawing map plans, subdivisions, surface drainage systems, water distribution facilities, transportation, and utility facilities.

**CAD 2314 MANUFACTURE DRAFTING**
Manufacturing Drafting is an expansion of basic drafting with an emphasis on industrial plans such as tools, tolerance fitting and mechanical applications.

**CAD 2324 PIPE DRAFTING**
This course introduces the student to the basics of process pipe drafting. The student will experience drawing piping plans, flow diagrams, pumps, tanks, vessels, valves and fittings.

**CAD 2394 SPECIALTY DESIGN PROJECT**
This is the first part of a two course Design Project. The Specialty Design Project course CAD 2394 is the first course. The Advanced Specialty Design Project course CAD 2294 is the second course. These courses allow the student to study, examine and gain additional drafting experience in his or her interest. CAD 2394 Specialty Design Project course allows the student to study, examine and gain additional drafting experience in his or her area of interest.*

* These courses offered at Canadian Valley Technology Center.

**COMPUTER SCIENCE**

**CMSC 1103 THE COMPUTER IN SOCIETY**
This course is an examination of the uses and effects of computing technology in our society. Additional topics include professional ethics, limits to computing, application of knowledge to one’s own discipline and the future of computing.

**CMSC 1113 INTRO TO COMPUTERS AND CONCEPTS**
This course involves training in Redlands Community College Blackboard and webmail. Also, covers computer ethics, vocabulary, internet skills, and file system management. Includes a very cursory review of spreadsheets, databases, and word-processing.

**CMSC 1183 SYSTEMS ANALYSIS AND DESIGN I**
Prerequisites: CMSC 1213 Computer Science and CMSC 1303 BASIC are recommended
This course is an introduction to analysis, design, documentation, implementation and evaluation of computer systems. Techniques of data gathering, systems flowcharting, file organization and accessing methods are studied.

CMSC 1213 COMPUTER SCIENCE
This course provides knowledge of computer terminology and history. It includes ethical issues surrounding computing, the Internet, simple programming in a selected language and programming logic using flowcharts and pseudo code.

CMSC 1223 BUSINESS APPLICATIONS SOFTWARE
This is an introductory, hands-on course providing computer and software experience using the current version of the Microsoft Windows operating system, Internet Explorer and Microsoft Office Professional software which includes MS Word (word processing), MS Excel (spreadsheets), MS PowerPoint (presentations) and MS Access (databases). This course fulfills the Redlands Community College computer literacy requirement.

CMSC 1233 SPREADSHEET APPLICATIONS
Prerequisite: BUS 1053 Business Math
This course will cover introductory to advanced skills using current Spreadsheet software. Topics include planning and creating workbooks, adding formatting attributes, creating charts, working with formulas and functions, embedding and linking worksheets and graphs, integrating spreadsheets with other programs and the Web, creating data tables, pivot tables, and importing data and enhancing worksheets with macros and object oriented language modules.

CMSC 1243 DATABASE APPLICATIONS
This course provides experience in using current database management software (e.g. Microsoft Access) to create and edit database files/objects. The student will learn the purpose of a relational database and how to create data tables using design view. The course provides experience in building reports, forms, and templates as well as how to find, filter and query the data through query design.

CMSC 1251 WINDOWS OPERATING SYSTEMS
This course provides knowledge and experience in using one of the latest windows-based operating systems (e.g., Microsoft Windows) to access, delete and change data files and to find and execute programs.

CMSC 1303 BASIC
In this course, the BASIC programming language is presented, with emphasis on writing, compiling, debugging, executing and testing BASIC programs drawn from a variety of disciplines.

CMSC 1373 OPERATING SYSTEMS
Prerequisites: CMSC 1213 Computer Science recommended
This course provides an in-depth study of operating systems for microcomputers, including the use of utility programs for data file handling on diskettes along with many other routines provided by microcomputer manufacturers.

CMSC 2001-4 COMPUTER SCIENCE SEMINAR
This course is a study of selected topics in computer science.

CMSC 2053 NETWORK ADMINISTRATION I
This course teaches networking fundamentals. TCP/IP, user accounts and other elements of NT server administration from a packet management perspective are covered. 2 semester credit hours lecture; 1 semester credit hour lab

CMSC 2063 NETWORK ADMINISTRATION II
Prerequisite: CMSC 2053 Network Administration
This course includes network configuration management, performance and fault management, network security and software management. Operational network experience is continued. 2 semester credit hours lecture; 1 semester credit hour lab.

CMSC 2213 INTRODUCTION TO WEBPAGE DESIGN
Prerequisite: CMSC 1223 Business Applications Software
This course covers the skills needed to create a Web site for personal or professional use. Design considerations will include navigation techniques, audience needs, browser/platform concerns and connection speeds. A combination of current languages and Web page authoring software will be utilized for topics such as building, formatting, enhancing and publishing pages; maintaining a Web site; and creating and manipulating graphics.
CRIMINAL JUSTICE

A. CRIMINAL JUSTICE CORE

CJ 1113 INTRODUCTION TO CRIMINAL JUSTICE
This course is an overview of the agencies and processes involved in the administration of justice to those accused and convicted of violating the criminal law. Agency problems and due process issues related to law enforcement, prosecution, adjudication, sentencing and confinement of offenders are discussed.

CJ 1223 INTRODUCTION TO LAW ENFORCEMENT
This course is a description and analysis of law enforcement history and current practice. The complex role of American police agents at all levels of government, models of police service, critical issues affecting law enforcement practice and the progress toward professionalism are emphasized.

CJ 1243 TRAFFIC INVESTIGATION AND ENFORCEMENT
Prerequisite: CJ 2313 Criminal Law or CJ 2443 Criminal Law and Procedure
Recommendation: Completion of CJ 1223 Introduction to Law Enforcement is helpful.
This course is an in-depth description of police responsibility in traffic control, organization of traffic duties and accident investigation and reports. The course includes a discussion of safety precaution and procedures and an introduction to procedures for reports including DUI reporting.

CJ 1253 AMERICAN CORRECTIONS SYSTEM
This course is a description and analysis of the history of correctional thought and practice, the agencies and personnel responsible for carrying out criminal sentences and the rights and restrictions which apply to criminal offenders.

CJ 1313 PATROL PROCEDURES
Prerequisite: CJ 2313 Criminal Law or CJ 2443 Criminal Law and Procedure
This course is an in-depth description of police responsibility in patrol functions and concepts, routine patrol duties, citizen contacts and response to police calls. The course includes an in-depth discussion of misdemeanor and felony traffic stops, patrol techniques, mechanics of arrest, officer survival and other patrol occurrences.

CJ 1403 FUNDAMENTALS OF INFORMATION SECURITY
Prerequisite: CJ 1233 understanding computers and computer applications or instructor approval
This class will introduce such topics as security concepts and mechanism; security technologies; authentication mechanisms; intrusion detection and prevention; information systems assurance; anonymity and privacy issues for information systems.

CJ 2001-4 CRIMINAL JUSTICE SEMINAR
This course presents studies in selected topics of criminal justice.

CJ 2043 REPORT WRITING
Prerequisite: ENGL 1113 English comp I; CJ 2343 criminal investigation
This course focuses on the skills necessary for job-related and academic writing skills in law enforcement and criminal justice. Emphasis is placed upon writing narrative reports for incidents and fatality and non-fatality traffic accidents, search warrant affidavits and returns, memos, letters, short reports, proposals, resumes and research papers. Writing assignments will be based upon work-related scenarios relevant to law enforcement.

CJ 2053 ORGANIZED CRIME AND GANGS
Understanding Organized Crime provides a comprehensive introduction to the subject of organized crime. This course covers the complex and controversial issues associated with organized crime. Topics covered include the various definitions of organized crime, why it continues to exist, how it has evolved throughout history and different types of organized crime factions. Students will learn about organized crime and how law-enforcement practitioners today are counteracting these prevailing criminal organizations.

CJ 2063 UNDERSTAND VIOLENCE
Understanding Violence and Victimization, explores selected types of violence and examines the causes and responses to such victimization. It addresses topics such as domestic violence, stranger violence, workplace violence, school violence, criminal justice violence and the violence of terrorism.

CJ 2073 DRUGS AND SOCIETY
This course offers an interdisciplinary, comprehensive survey of all aspects of the drug and alcohol abuse issue, including the impact of drugs on our society; their history and the pharmacological impact of drugs on the body; drug policy implications; the criminal justice
system response; the effects, treatment and prevention of abuse; theories of use; the drug business; and drug law enforcement.

CJ 2083 SERIAL KILLERS
This course provides the students with a model of the crime scene actions of serial murderers based on information available. The course also gives an overview of the related scientific knowledge, introduces methods to classify the serial predator and presents a classification model of serial murderers and their crime scene behaviors based on empirical and repeatable studies, the course will discuss advances in the areas of police investigations, etiology and treatment possible.

CJ 2101-4 PRACTICUM IN CRIMINAL JUSTICE
This course provides an opportunity to gain practical experience in a criminal justice setting.

CJ 2113 INTRODUCTION TO CRIMINAL LAW
Prerequisite: Approval of Instructor Required
This course is a study of the philosophical and historical developments of criminal law, the definition and elements of major offenses in the criminal codes of all level of government and the penalties, which attach to those convicted of committing crimes.

CJ 2201-4 SPECIFIC PROBLEMS IN CRIMINAL JUSTICE
This course presents selected studies of current social problems in criminal justice.

CJ 2213 INTRO TO CRIMINAL LAW AND PROCEDURE
Prerequisite: Approval of Instructor Required
This course is a study of rules and case laws. It will define the legal methods for conducting arrests and searches, using force, conducting trials, introducing evidence, assigning legal counsel and supervising offenders in the community and institutions.

CJ 2313 CRIMINAL LAW
This course is a study of the nature of criminal law, its philosophical and historical development, the definition and elements of major offenses in the criminal codes of all levels of government and the penalties which attach to those convicted of committing crimes. Oklahoma statutes are used as illustrations.

CJ 2443 CRIMINAL LAW AND PROCEDURE
This course is a study of the rules and case laws which define the legal methods for conducting arrests and searches, using force, conducting trials, introducing evidence, assigning legal counsel and supervising offenders in the community and institutions.

B. CORRECTIONAL SERVICES

CJ 2353 THE ADMINISTRATION OF CORRECTIONAL INSTITUTIONS
This course is a study of the organization, management and leadership of institutions which confine offenders. The course includes discussion of short-term detention facilities, jails, prisons, personnel issues, staff-inmate relations and the future directions of institutional design and administration.

CJ 2363 ENVIRONMENTAL SECURITY PROCEDURES
This course is designed to assist in gaining an in-depth knowledge of Environmental Security Procedures in a prison setting. Environmental Security Procedures is essential for the health, safety and welfare of the inmate, the correctional officer and the general public. This course includes the five types of emergencies that can occur in a correctional facility, the reasons for the “games” inmates play and how to effectively transport an inmate outside the security of the facility.

CJ 2453 PROBATION, PAROLE AND COMMUNITY TREATMENT
This course is an examination of the most common and the new methods of supervising offenders in the community. The structure, management and personnel of probation, parole and other correctional services, as well as innovative approaches to working with offenders such as house arrest, electronic monitoring and intensive supervision, are discussed.

C. FORENSIC COMPUTER SCIENCE

CJ 1323 OVERVIEW OF COMPUTER CRIMES
As computers become more and more a part of our everyday lives, it becomes critical that criminal justice investigators use and understand the current technology. In the future the computer will become the instrument of choice for committing crimes. This course will identify and discuss the nature of cyber crime, its detection, preparation of the successful cyber crime investigation and the proper preparation for trial.

CJ 2223 FILE SYSTEM FORENSICS
This course describes the basic concepts and theory of a volume and file system. Students will learn to analyze FAT, NTFS, Ext2, Ext3, UFS1 and UFS2 file systems using key concepts, data structures and specific
techniques. This course includes hands-on application of the concepts learned.

**CJ 2233 CRIMINAL PROCEDURES FOR COMPUTER CRIME**
Corequisite: CJ 2243 Network Technologies or Approval of the Instructor.
Prerequisite: CJ 1233 Understanding Computers and CJ 1323 Overview of Computer/Cyber Crimes.
Criminal procedures are being continually revised to keep pace with technology evolution. This class will examine how criminal procedures are constantly evolving to facilitate the investigation of computer crime. Since computer ethics has become an issue in criminal justice, this class will examine the question of ethics and how it relates to the public.

**CJ 2243 NETWORK TECHNOLOGIES**
Corequisite: CJ 2233 Criminal Procedures for Computer Crime or Approval of the Instructor
Prerequisite: CJ 1233 Understanding Computers and CJ 1323 Overview of Computer/Cyber Crimes.
As computers become more and more a part of our everyday lives, it becomes critical that law enforcement use and understand the current technology. The networking of computers, which enhances the ability of computers at different locations to share information, has become standard in many enterprises, both legal and illegal. This course will identify and discuss the nature of computer networks, how the network is constructed, how the forensic investigator is to approach a networked computer crime scene and how to forensically process networked computer operations.

**CJ 2253 FORENSIC COMPUTER SCIENCE**
Corequisite: CJ 2263 Internet Crime Investigations or Approval of the Instructor
Prerequisite: CJ 2233 Criminal Procedures for Computer Crime and CJ 2243 Network Technologies
The technical examination of electronic data is called Computer Forensics. This course will teach how to examine a computer for electronic data, utilizing the manual utilities and applications that are currently available in the industry. This course will also utilize the automating forensic utilities that are currently available to criminal justice and corporate security specialists.

**CJ 2263 INTERNET CRIME INVESTIGATIONS**
Corequisite: CJ 2253 Forensic Computer Science or Approval of the Instructor
Prerequisite: CJ 2233 Criminal Procedures for Computer Crime and CJ 2243 Network Technologies

With the advent of the Internet and global communication becoming a reality, global criminal activity is also now possible. We know from experience that criminals in one country can access locations in other countries to commit their crimes. In criminal justice, understanding how the Internet works and how to combat the current and future trends in crime on or over the Internet is of paramount importance. This class will address this issue. In addition, this class will do an in-depth examination of current crime trends on the Internet such as IP spoofing, e-mail, child pornography, sniffer programs and website security breaches.

**CJ 2293 ADVANCED COMPUTER FORENSIC METHODOLOGY**
Prerequisite: Completion of all required Computer Forensic Science courses
This course is the capstone course for the Computer Forensic Science Degree and certificate program. Students will demonstrate competency by completing an in-depth forensic analysis of digital replicating a real life case scenario and write a detailed report of their analysis and findings.

**D. LAW ENFORCEMENT**

**CJ 2333 Police Organization and Management**
This course is a description of the principles of organization, leadership and management as applied to law enforcement agencies and personnel at all levels of government. The role of agency executives and major issues affecting personnel administration are discussed.

**CJ 2343 CRIMINAL INVESTIGATION**
Prerequisites: CJ 2313 Criminal Law or CJ 2443 Criminal Law and Procedures.
This course is an examination of investigative fundamentals and principles which apply to crime scene processing, case building and preparation and case presentation in court. Emphasis is given to case investigation models, developing leads, theory building, conceptual approaches to the investigative mandate and information processing and reporting.

**CJ 2433 COMMUNITY AND CULTURAL DIVERSITY**
This course is an examination of the conflict, both historical and current, which prevents criminal justice agencies and various communities from forming lasting partnerships directed toward the control of crime and peaceful relations. New approaches to criminal justice, interpersonal relations and the role of the media in
dramatizing racial and ethical differences are discussed.

**CJ 2451 CUSTODY AND CONTROL**
Corequisite: CJ 2461 Defensive Driving and CJ 2471 Firearms
Prerequisite: Approval of the Instructor
This course instructs students in the necessary attitudes, knowledge and psychomotor skills in the area of weaponless (open hand) subject control, intermediate range weapons use and self-defense techniques. The course also instructs students in how to negate or minimize the use of excessive and unnecessary deadly force to meet legal review. It covers the need and use of verbal commands in the law enforcement environment.

**CJ 2461 DEFENSIVE DRIVING**
Corequisite: CJ 2451 Custody and Control and CJ 2471 Firearms
Prerequisite: Approval of the Instructor
This course is an overview of the legal aspects of law enforcement driving. Instruction in the skills of desirable law enforcement driving behavior is covered both in theory and application.

**CJ 2471 FIREARMS**
Corequisite: CJ 2451 Custody and Control and CJ 2461 Defensive Driving
Prerequisite: Approval of the Instructor
This course provides knowledge and understanding of the procedures for safety and legal handling of firearms. It also emphasizes the mechanical functions and basic maintenance procedures of service revolvers. Instruction in the basics of marksmanship, with emphasis placed on the mental process involved in various shoot/don’t shoot situations, is covered both in theory and application.

**EARLY CHILDHOOD CENTER MANAGEMENT**

**ECM 2113 EARLY CHILDHOOD CENTER POLICIES AND PROCEDURES**
This course is designed to examine the types of information that should be included in a policies and procedures manual and the significance of that information on the daily operations of an early childhood center. Analysis of policy and procedures manuals and development of a comprehensive policies and procedures manual are included.

**ECM 2123 EARLY CHILDHOOD CENTER FINANCIAL PLANNING & MANAGEMENT**
This course is designed to provide practical experience in designing and managing a financial plan and budget, as well as guidelines and tools for complying with or amending a budget. Content covered will include examination of budget categories, analysis of the expenditure ad income sides of the budget, exploration of basic budgetary terms and tools, examination of the benefits of a financial plan and analysis of personal financial planning and management skills and habits and how these skills and habits could impact the manner in which the professional would manage an early childhood center. Also included will be the development of an early childhood center business plan.

**ECM 2133 EARLY CHILDHOOD CENTER PERSONNEL DEVELOPMENT AND MANAGEMENT**
This course is designed to study the principles, procedures and organizational techniques currently utilized by business in the development and management of personnel. It includes a study of current developments within the general field of personnel development and management, including employment practices, employee assessment and evaluation, orientation, training programs, related federal and state legislation, regulations and orders, workforce diversity, employee and employer/management relations and compensation management.

**ECM 2143 EARLY CHILDHOOD CENTER PROGRAM DEVELOPMENT AND MANAGEMENT**
This course is designed to examine the basic components of program development and management. Emphasis will be on the analysis of each component of program development and management and its relationship to the overall operations of an early childhood center education program and the impact of state and federal guidelines/standards on program development and management and the application of those guidelines/standards to program development and management. It includes the development of a program and program management plan, including program evaluation strategies for an early childhood center.

**ECM 2243 EARLY CHILDHOOD CENTER FACILITY MANAGEMENT**
This course examines the elements that define an early childhood facility and the relationship of those elements to program quality, including programming factors, environmental factors, transportation, maintenance and
health and safety factors and how these factors impact facility management. Also covered will be an analysis of the significance of governmental laws, rules, regulations and executive orders and how they impact facilities management. This course includes the development of a comprehensive facilities management plan.

**ECM 2313 EARLY CHILDHOOD CENTER MARKETING AND PUBLIC RELATIONS**
This course discusses the roles of marketing and public relations in developing and maintaining a successful early childhood center. Emphasis will be on how to analyze and develop tools and techniques that can be used to assess community needs, examine personal skills and characteristics necessary to successfully market the early childhood center and develop a comprehensive early childhood center marketing and public relations plan.

**ECM 2413 MANAGING PERSONNEL PERFORMANCE STANDARDS**
This course covers the overall significance of performance standards in the operations of the early childhood education program and early childhood center. It includes how to analyze and develop performance standards, develop performance standards for staff training, develop a plan for implementing team building activities, determine how performance standards affect employment policies and develop a comprehensive program performance standards plan and comprehensive performance standards evaluation plan.

**ECM 2423 MANAGING DIVERSITY IN EARLY CHILDHOOD EDUCATION**
This course is designed to examine issues related to cultural diversity and how those issues impact the management of an early childhood center. Opportunities are included for self-exploration and self-assessment of attitudes and feelings regarding diverse cultures and the development of a comprehensive plan for addressing cultural diversity in the early childhood center. Emphasis will be placed on educational program, staffing, marketing and public relations and professional development of self and employees.

**ECM 2432 LEADERSHIP IN EARLY CHILDHOOD EDUCATION**
This course is designed to examine the concept, as well as the role of leadership, as applied to early childhood programs and management. It will include how to analyze characteristics of effective leadership and differentiate between leadership and management, conduct self-assessment as it relates to personal leadership characteristics, develop a personal plan for enhancing personal leadership skills and explore opportunities for leadership in early childhood education at the local, state and national levels. A course requirement is to participation in a minimum of two early childhood education leadership activities—one activity at the local level and one activity at the state or national level.

**ECM 2443 EARLY CHILDHOOD CENTER ADMINISTRATIVE RESPONSIBILITIES—THE DIRECTOR**
This course is designed to examine the administrative responsibilities of the early childhood center director. Content covered will analyze state regulations, examine characteristics of a successful director, explore management techniques, including time management and tools available to improve personal management skills. The student will develop a comprehensive action plan to become a more effective administrator. This course is the capstone course in the degree program.

**ECONOMICS**

**ECON 1353 PERSONAL FINANCE**
This course is a study of economic and personal goals including personal budgeting, credit buying, borrowing money, banking facilities, the nature of investments, life insurance, casualty insurance, medical insurance, home ownership, stocks and bonds and retirement plans.

**ECON 2001-4 SEMINAR IN ECONOMICS**
This course is a study of selected topics in economics.

**ECON 2113 ECONOMIC HISTORY OF THE UNITED STATES**
This course is an analysis of the process of American economic development.

**ECON 2193 PRINCIPLES OF MACROECONOMICS**
This is a fundamental course in economic principles as they relate to supply, demand and the market system. Emphasis is given to national economic issues such as national income, economic growth and development, economic fluctuations, fiscal policy and monetary policy. Global economics subjects include balance of payments and the foreign exchange market.
ECON 2203 PRINCIPLES OF MICROECONOMICS
This is a fundamental course in economic principles as they relate to supply, demand and the market system. Concepts covering consumer choice, distribution of income and resource markets are presented. Emphasis is given to production, cost and pricing relationships of the basic market structures. Global economic subjects include trade policies and trade agreements.

EMERGENCY MANAGEMENT
RESPONSE

EMR 1012 BASIC INCIDENT COMMAND SYSTEM
This course is divided into 2 sections, the first part will focus on the management of actions in emergency response situations including National Incident Management System (NIMS) IC-700, ICS-100 and ICS 200. This course is designed to enable participants to demonstrate the basic knowledge of the Incident Command System (ICS) and provides the foundation for higher level ICS training. Topics include the history, features and principles, organizational structure of the Incident Command System and the relationship between ICS and the NIMS. It also explains the relationship between ICS and the NIMS. The second section will focus on ICS for Single Resources and Initial Action Incidents. This section of the course will provide information and training on resources need for personnel who assume a supervisory position within the ICS. This course is designed to enable personnel to operate efficiently during an incident or event within the ICS. This course focuses on the management of single resources.

The target audience includes persons involved with emergency planning and response or recovery efforts. Students who complete the course will meet the requirements for IS – 700, ICS – 100 and ICS -200.

EMR 1113 EMERGENCY RESPONSE TO TERRORISM
Prerequisite: EMR 1012 Basic Incident Command System or equivalent
This course will address the skills specific associated with an emergency terrorist event that are needed to efficiently and effectively plan, prepare, respond, mitigate and recover from. The course includes knowledge of response tasks, toxicology, mass casualty triage, decontamination and other operational issues.

EMR 2113 ADVANCED INCIDENT COMMAND
Prerequisite: EMR 1012 Basic Incident Command System or equivalent
The course is divided into two sections: The first half focuses on Incident Command System for Expanding Incidents course provides training on and resources for personnel who require advanced application of the ICS. The portion of the course expands upon information covered in Basic Incident Command System Course. The second half focuses on Command and General Staff-Complex. The target audience for this course is individuals who are in or may be in command or management position in an emergency event. Students who complete the course will meet the requirements for IS-800, IS-900, ICS-300 and ICS-400.

EMR 2133 ADVANCED EMERGENCY MANAGEMENT AND PLANNING
Prerequisites: EMR 2113 Advanced Incident Command System, EMR 1113 Emergency Response to Terrorism and EMR 1213 Emergency Response and Management or equivalent
Effective emergency planning is the key to surviving natural and man-made disasters. Risk analysis and the formulation of a comprehensive plan, followed by a vigorous and continuing testing program, are essential elements to surviving an emergency. Topics covered include threat assessment, risk analysis, formulating the plan, staffing the emergency operations center (EOC), coordinating with supporting agencies and the importance of continuing liaison, managing an actual incident and conducting an effective follow-up analysis. Various actual case studies are discussed.

EMR 2153 RISK MANAGEMENT
Prerequisite: EMR 2113 Advanced Incident Command System
This course examines media management during local/national disasters and/or events. It will also address the media and all levels of governmental response. The focus will be on actual operations and on-site issues.

EMERGENCY MEDICAL TECHNOLOGY

EMT 1113 EMERGENCY MEDICAL RESPONDER
This is the first level within the National Emergency Medical Services (EMS) Education Standards, and this course is designed to instruct a student to the level of Emergency Medical Responder, who serves as a vital link in the chain of the health care team. This
curriculum includes skills necessary for the individual to provide emergency medical care with a limited amount of equipment. This course consists of 64 hours of classroom and laboratory instruction.

**EMT 1118 EMERGENCY MEDICAL TECHNICIAN (EMT)**  
Pre-requisites: The student be 18 years of age by no more than 90 days after the specified ending date of the course.  
This is the second level within the National (EMS) Education Standards, and this course is designed to provide the basic techniques of emergency prehospital care, preparing the student for State licensure by examination as an EMT. The course covers all emergency medical techniques that conform to the National Scope of Practice for EMT in the State of Oklahoma, in accordance with the National EMS Education Standards. The course is also the primary prerequisite to be eligible for the Advanced EMT (AEMT) course and the Paramedic Program. It consists of a minimum of 212 hours of classroom and lab instruction and 48 clinical hours in a supervised clinical setting.

**EMT 1129 ADVANCED EMT (AEMT)**  
Pre-requisites: EMT 1118 Emergency Medical Technician.  
This course is designed for those who have successfully completed EMT. It is the third level within the National EMS Education Standards. The course includes a minimum of 256 hours of classroom and lab instruction and 140 supervised clinical hours in a variety of EMS and hospital settings. Content covers advanced airway management with direct laryngoscopy endotracheal intubation, indirect intubation with blind insertion devices/tubes, and oxygen therapy. The student will also learn the use and administration intravenous therapy and fluid therapy as well as the administration of some pharmacologic therapy. These advanced procedures and therapies supplement and enhance the knowledge and skills previously learned as an EMT.

**EMT 1153 OPERATIONS/RESCUE AWARENESS**  
Pre-requisites: EMT 1118, EMT 1319, EMT 2319, EMT 2419, and EMT 2519 (or approval from program coordinator)  
This course is designed to provide the skills and techniques of advanced emergency medical care and to initiate preparation of the student for licensure as a Paramedic. The course provides content and skills instruction for various topics in emergency medicine including medical incident command, ambulance operations, rescue awareness, hazardous materials (HAZMAT) incidents, terrorism incidents, biological/chemical incidents, other weapons of mass destruction incidents and crime scene awareness. Students will also be eligible for the HAZMAT Awareness certification exam. It consists of 36 hours of classroom instruction and a minimum of 36 hours laboratory instruction.

**EMT 1319 Paramedic I**  
Pre-requisites: EMT 1118 (or approval from program coordinator)  
This is the beginning of the fourth level within the National EMS Education Standards, and this course is designed to provide the skills and techniques of advanced emergency medical care and to initiate preparation of the student for licensure as a Paramedic. The course provides content and skills instruction for various topics in emergency medicine, including well-being of the EMT, roles and responsibilities of the paramedic, injury/illness prevention, medical/legal aspects of prehospital emergency medicine, ethics in EMS, therapeutic communication, life span development, history taking, techniques of physical exam, patient assessment, advanced skills, clinical decision making, communications, and documentation. The course is a required component of the EMT Paramedic program. It consists of 256 hours of classroom and laboratory instruction. This course also requires 124 clinical hours to be competed in Surgery, Airway Lab, Burn Unit, EMS, and the Emergency Department.

**EMT 2000 EMT SEMINAR**  
This course is designed to provide selected learning opportunities in specific areas of emergency medical technology, generally continuing education.

**EMT 2111, EMT 2002, EMT 2003 EMT SEMINAR-INDEPENDENT STUDY**  
These courses are designed for advanced students who desire additional study in EMS topics of interest. Topics range from practicum to research activities.

**EMT 2101 EMT REFRESHER**  
The primary goal of the course is to review and update the knowledge and skills required to function as an EMT, preparing the student for license renewal. The course consists of a minimum of 24 hours of classroom and lab instruction. This course is intended as a refresher for students who already possess an EMT license.
EMT 2121 AEMT REFRESHER
The primary goal of the course is to review and update the knowledge and skills required to function as an EMT Intermediate, preparing the student for license renewal. The course consists of a minimum of 40 hours of classroom and lab instruction. This course is intended as a refresher for students who already possess an AEMT license.

EMT 2131 PARAMEDIC REFRESHER
The primary goal of the course is to review and update the knowledge and skills required to function as a Paramedic, preparing the student for license renewal. The course consists of a minimum of 48 hours of classroom and lab instruction. This course is intended as a refresher for students who already possess a Paramedic license.

EMT 2211 ADVANCED CARDIOVASCULAR LIFE SUPPORT
The Advanced Cardiovascular Life Support Course (ACLS) is designed to enhance previous knowledge and experience of Paramedics, RN’s, PA’s, and Physicians who work (or are preparing for work) in settings where emergency Adult cardiac emergency care may be indicated. Content includes current informational updates on cardiac emergencies, following a nationally recognized format and research. Many Emergency Services and Hospitals require that licensed personnel be certified bi-annually in ACLS so the course provides for this need as well. It consists of 16 hours of lecture-discussion and laboratory experience. Students must possess current BLS certification in order to sit for certificate examination.

EMT 2313 TACTICAL MEDICINE
Prerequisites: EMT 1118 EMT Basic or current EMT or higher licensure or certification, and program coordinator approval.
This course is a 5 day (54 contact hours) class that incorporates the skills need for prehospital care providers to operate in special tactical environments. The course will cover the following topics: Roles of Tactical Medicine, Team Health/Extended Operations, Immediate Reaction Team Concepts/Officer Rescue, Sports Medicine for the Tactical Athlete, Emergency Response to Terrorism, Medical Threat Assessment/Medical Intelligence, Tactical/SWAT Operations, Tactical Movement, Tactical Patient Assessment, Remote Assessment Methodology, Special Medical Gear, Hostage Survival, Advanced Tactical Airway, Light Discipline, Sleep/Wake Management, High Speed Tourniquet Application, Bleeding Control/Basic Suturing, Clandestine Drug Labs and Booby Traps, Medicine Across the Barricade/Telemedicine, Tactical Waterborne Activities, Ballistics/Forensics, WMD/CBRNE/CS Gas. It may also include at the discretion of the program coordinator such other areas as Tactical Combat Casualty Care (2006 revised) and/or live tissue information. This course has a restricted enrollment and requires the permission of the program coordinator.

EMT 2319 PARAMEDIC II
Pre-requisites: EMT 1118, EMT 1319 (PC I) (or approval from program coordinator)
This is the second part of the fourth level within the National EMS Education Standards, and this course is designed to provide the skills and techniques of advanced emergency medical care and to initiate preparation of the student for licensure as a Paramedic. The course provides content and skills instruction for various topics in emergency medicine, including the anatomy and physiology of the human heart, dysrhythmias and interpretation of ECG, treatment of dysrhythmias and other cardiac emergencies and conditions. Pharmacology, dosage calculations, medication administration, and pathophysiology involved with pharmacologic therapy. This course is a required component of the EMT Paramedic program. It consists of 256 hours of classroom and laboratory instruction. This course also requires 108 of clinical rotations that include Emergency Department, ALS EMS, and ICU/CCU.

EMT 2419 PARAMEDIC III
Pre-requisites: EMT 1118, EMT 1319 (PC I), EMT 2319 (PC II) (or approval from program coordinator)
This is the second part of the fourth level within the National EMS Education Standards, and this course is designed to provide the skills and techniques of advanced emergency medical care and to initiate preparation of the student for licensure as a Paramedic. The course will also discuss trauma systems and the care and physiology of traumatic emergencies such as blunt force trauma, spinal trauma and head trauma. The course provides content and skills instruction for various topics in emergency medicine, including the recognition and management of medical emergencies including pulmonary, gastrointestinal, hematological and endocrine emergencies. Infectious disease process and behavioral disorders will also be discussed. The course is a required component of the Paramedic program. It consists of 256 hours of classroom and laboratory
EMT 2519 PARAMEDIC IV
Pre-requisites: EMT 1118, EMT 1319 (PC I), EMT 2319 (PC II), EMT 2419 (PC III) (or approval from program coordinator)
This is the second part of the fourth level within the National EMS Education Standards, and this course is designed to provide the skills and techniques of advanced emergency medical care and to initiate preparation of the student for licensure a Paramedic. The course provides content and skills instruction for various topics in emergency medicine, including the assessment and treatment of patients experiencing obstetrical or gynecological emergencies, assessment and treatment of pediatric. Topics covered also include neonatology, growth and development, pediatric assessment, pediatric trauma, general principles of pediatric patient management, sudden infant death syndrome, abuse and neglect, and special needs children. The course also includes the assessment and treatment of geriatric patients to include but not be limited to abuse and assault, special challenges, acute interventions for the chronic care patient, and assessment based management will also be discussed. A final component of this course is Operations and Rescue Awareness as was previously described. The course is a required component of the Paramedic program. It consists of 256 hours of classroom and laboratory instruction. This course also requires 172 hours of clinical rotations that include Pediatrics, Labor and Delivery (L&D), and ALS EMS Internship.

ENGLISH

ENGL 0101 BASIC GRAMMAR FOR WRITING
This course is recommended for students who want or need to improve the clarity, correctness or forcefulness of their written sentences. The instructional approach is informal and supportive, with limited use of complicated terminology

ENGL 0111 BASIC SENTENCE STRUCTURE
This course is recommended for students who want or need to practice sentence-combining techniques to improve the writing of paragraphs and longer reports or compositions.

ENGL 0121 BASIC SPELLING
This course is recommended for students who need to improve their spelling proficiency. It offers an innovative, systematic approach to the spelling of words.

ENGL 0123 FUNDAMENTALS OF ENGLISH
This course is offered to give students an opportunity to review and apply the basic rules of grammar, sentence structure, punctuation and organization.

ENGL 0133 BASIC COLLEGE WRITING
Prerequisite: ENGL 0123 Fundamentals of English, or required score on placement exam
This course reviews the basic elements of sentences, paragraphs and essays before entering ENGL 1113 English Composition I. The course will offer opportunities to learn to use different sentence types, to write well-developed paragraphs and to organize effective essays for college writing. Emphasis will be placed on methods of organization and development.

ENGL 1101 LIBRARY AND INTERNET RESEARCH SKILLS
Using a combination of class discussion and focused small-group activities, students will gain experience and confidence in their ability to research a topic and find appropriate resources. This course will focus not only on library research, but also Internet research, since that is where the majority of people get their information today.

ENGL 1113 ENGLISH COMPOSITION I
This course focuses on the skills necessary to compose written communication that is logical, appropriate and effective. Emphasis is on careful organization and the development of the multi-paragraph expository essay. Students in this course will write a research paper using the Modern Language Association (MLA) style manual.

ENGL 1213 ENGLISH COMPOSITION II
Prerequisite: ENGL 1113 English Composition I
This course is a continuation of English Composition I. Students will reinforce and extend their abilities to write correctly and effectively. Emphasis will be placed on research writing using rhetorical strategies and stylistic techniques. Students will gain practice in research, logic, argumentation and documentation through writing multiple research papers. MLA will be the preferred documentation style for composition papers, but other documentation styles will be discussed.

ENGL 2001-3 ENGLISH SEMINAR
This course is a study of selected topics in English.
ENGL 2033 TECHNICAL WRITING AND PROFESSIONAL REPORT WRITING
Prerequisite: ENGL 1113 English Composition I
This course offers practice in organizing and structuring ideas in a professional style for such business correspondence as letters, memorandums, job applications, resumes and proposals. Emphasis will be placed on writing technical and professional reports which are clear, concise and accurate. Experience in designing and incorporating figures, graphs, tables and charts in reports will be included.

ENGL 2063 CREATIVE WRITING I
Prerequisite: ENGL 1113 English Composition I or approval of the instructor
This course is designed to develop imaginative thinking and writing skills in order to produce stories, poems and plays.

ENGL 2073 CREATIVE WRITING II
Prerequisites: ENGL 1113 English Composition I and ENGL 1213 English Composition II or approval of the instructor.
This course emphasizes the form and structure of various kinds of literary writings. Students will have the opportunity to produce original poems, short stories and essays.

ENGL 2413 INTRODUCTION TO LITERATURE
Prerequisite: ENGL 1113 English Composition I
This course reviews the major types of literature: short stories, poetry, drama, essays and biographies. Representative selections are read, discussed and analyzed with consideration for themes, mood, style, tone, language and other related characteristics. It introduces literary criticism and a study of authors in relation to their writings.

ENGL 2423 INTRODUCTION TO FICTION
Prerequisite: ENGL 1113 English Composition I
This course develops a basis for the interpretation, evaluation and appreciation of fiction, particularly the novel and short story. Representative sections are read, discussed and analyzed, with consideration for themes, mood, characterization, style, tone, language and other related characteristics. It introduces literary criticism.

ENGL 2433 AMERICAN LITERATURE I
Prerequisite: ENGL 1113 English Composition I
This course is designed to develop and enhance skills in literary interpretation. Reading selections include short stories, poetry, drama, biographies and essays.

ENGL 2443 AMERICAN LITERATURE II
Prerequisite: ENGL 1113 English Composition I
This course is designed to increase the ability to discern literary techniques in the various genres and to use this knowledge as a basis for interpreting literature. Reading selections include examples from each of the five genres.

ENGL 2453 INTRODUCTION TO POETRY
Prerequisite: ENGL 1113 English Composition I
This course is a study of poetry as literary art with emphasis on understanding, recognizing and appreciating poetic techniques and forms and the rhetoric of verse. Representative works are read, discussed and analyzed with emphasis on theme, structure and language.

ENOLOGY

ENO 1112 ENOLOGY I
The principles of enology (winemaking) will be examined, including history, grape growing, chemistry, wine microorganisms, fermentation, winemaking operations, cooperage, physiology and sociology of wine, as well as health and legal issues. Students will crush, press, rack, filter, fine, bottle, cork, label and capsule a finished tank of wine in a college winery operation. **Students must be 21 years of age or older.**

ENO 1121 SENSORY EVALUATION
A sensory course designed for individuals to learn organoleptic testing techniques, characteristics and styles of wine varieties, wine sensory evaluation methods including statistical analysis of trials, philosophy of wine styles and the common evaluation methods used in sensory testing. **Students must be 21 years of age or older.** This class has a materials fee above the regular enrollment fee. We encourage you to spit, since the actual consumption of these ethanolic beverages tends to cloud one’s ability to assess quality.

ENO 2101-2104 ENOLOGY PRACTICUM
The Winery Practicum is designed to give students the opportunity to work in an established vineyard and interact with a qualified mentor.

ENO 2112 ENOLOGY II
Prerequisites: ENO 1112 Enology I
The principles of enology (winemaking) will be examined, including history, grape growing, chemistry,
wine microorganisms, fermentation, winemaking operations, cooperage, physiology and sociology of wine, as well as health and legal issues. Students will crush, press, rack, filter, fine, bottle, cork, label and capsule a finished tank of wine in a college winery operation. **Students must be 21 years of age or older.**

**ENO 2122 ANALYSIS OF MUST AND WINE**
Prerequisites: ENO 1112 Enology I and ENO 2112 Enology II
The course will cover the principles of grape juice and wine analysis and the reasons for use of each analysis. Analyses of a practical and useful nature are chosen for the laboratory exercises demonstrating various chemical, physical and biochemical methods. Students will participate in workshops and hands-on experiences at the Redlands college winery.

**ENO 2132 WINERY OPERATIONS**
Prerequisites: ENO 1112 Enology I and ENO 2112 Enology II
This course covers process technologies and process systems that are used in modern commercial wineries. The course will include lectures, demonstrations and four day workshop. Overview of winemaking systems including winemaking operations and equipment, barrel aging and barrel management, membrane separation processes, specialized contacting systems, cleaning and sanitation systems, process control systems, refrigeration systems, electrical systems, waste water systems and work place safety.

**ENO 2141 WINE AND SOCIETY**
This course covers the historical and cultural significance of wine and its place in society.

**EQUINE SCIENCE**

**EQSC 1113 INTRODUCTION TO EQUINE SCIENCE**
This course is an overview of and orientation to the horse industry. The course includes a study of the origin, characteristics and development of breed; an introduction to genetics and breeding; basic principles of design, construction and maintenance of facilities; and basic concepts of marketing and advertising.

**EQSC 1134 BASIC EQUINE CARE AND TRAINING**
This course allows the student to halt, break, gentle and train a colt. The student will be responsible for feeding, grooming, care and training of the colt. 1 semester credit hour lecture; 3 semester credit hours lab.

**EQSC 1213 HORSEMANSHIP**
This course presents the fundamentals of basic riding skills—Western—and the care and adjustment of equipment. 1 semester credit hour lecture; 2 semester credit hours lab. Course is designed to survey the various aspects of evaluating horses.

**EQSC 2122 EQUINE JUDGING**
This course covers topics relating to the evaluation and selection of horses and the presentation of written and oral reasons. 1 semester credit hour lecture; 2 semester credit hours lab.

**EQSC 2132 ADVANCED EQUINE JUDGING**
Prerequisites: EQSC 2112 Equine Evaluation
This course emphasizes evaluation of equine conformation and performance based on current industry standards set by the horse industry.

**EQSC 2134 ADVANCED EQUINE CARE AND TRAINING**
Prerequisite: EQSC 1134 Basic Equine Care and Training and EQSC 1213 Horsemanship or Approval of the instructor.
This course requires specialized training of a horse and will include the breaking and training of a 2-year-old colt. 1 semester credit hour lecture; 3 semester credit hours lab.

**EQSC 2163 SPECIALIZED EQUINE TRAINING I**
Prerequisites: EQSC 1134 Basic Equine Care and Training and EQSC 2134 Advanced Equine Care and Training and/or approval of the instructor.
This course requires training a 2-year-old horse in a specific area of training, such as reining, western pleasure or western riding.

**EQSC 2193 EQUINE INDUSTRY INTERNSHIP**
This course is designed to enhance students’ classroom experience in equine related areas. The internship will provide opportunities to gain further insight of the multi-faceted equine industry.

**EQSC 2223 EQUINE NUTRITION AND HEALTH**
This course covers the basics of equine nutrition and techniques and principles of feeding. The students will apply guidelines for feeding horses on use and balance sample rations. Students will be able to identify diseases and parasites affecting horses and apply preventative measures to prevent diseases and control parasites. Students will develop and maintain health records.
EQSC 2243 EQUINE BREEDING AND MANAGEMENT
Prerequisite: EQSC 2223 or approval of the instructor.
This course provides the student with the opportunity to apply the knowledge and skills necessary for working on a horse breeding farm. The student will develop skills for managing the stallion, mare and foal. The student will study the anatomy and physiology of reproduction, examine semen for quality and apply genetics and other breeding information when selecting a sire for breeding purposes.

EQSC 2401-4 SPECIAL PROBLEMS IN EQUINE SCIENCE
Prerequisite: approval of the instructor.
This course provides a detailed study of an assigned problem/activity by a student wishing additional information on a special topic or training concept.

EQSC 2423 EQUINE ANATOMY AND PHYSIOLOGY
This course is a study of the skeletal, muscle, respiratory, circulatory and digestive systems in relation to the overall structure and function of the horse.

GEOGRAPHY

GEG 2243 HUMAN GEOGRAPHY
This is a basic course covering the human race’s relationship to its environment. The course explores areas such as cultural comparisons of resource utilization, differences in levels of economic development and environmental influences on cultural development.

GEG 2253 WORLD REGIONAL GEOGRAPHY
This is a basic course covering the relationship of the human to the environment. This course explores areas such as cultural comparisons of resource utilization, differences in levels of economic development and physical and environmental influences on cultural development.

GEOLOGY

GEOL 1053 EARTH SCIENCE
This is a survey course of geology, which includes the study of geologic forces in the earth such as volcanism, earthquakes, plate tectonics, mountain building, gravitation, weathering, erosion, sedimentation, groundwater, glaciation, ocean events and fossilization. The course presents the composition of the earth’s interior with concentration on the crust and techniques of reading the geologic history from Precambrian eras to present through the story told by the three basic types of rocks, how they form and where they are found in relation to one another. This course will satisfy the lecture-only physical science requirement for graduation and is not intended for health or science majors. 3 hours lecture credit

GEOL 1054 PHYSICAL GEOLOGY WITH LAB
This is a beginning course in geology, which includes the study of topographic maps, rocks and minerals, geological process and agents, landforms, weathering, running water, ground water, glaciers, gravity and volcanism. The course includes a hands-on study of the properties of minerals and rocks, how to read maps-topographic and geologic and some interpretation of geologic formation. This course will satisfy the physical science requirement for graduation. 3 hours lecture credit, 1 hour lab credit

HAZARDOUS MATERIALS

HZMT 1013 CHEMISTRY OF HAZARDOUS MATERIALS
Prerequisite: WMD 1113 Introduction to Weapons of Mass Destruction OR Instructor Approval
This course presents the chemical basis for classification of and emergency response to incidents involving, hazardous material. It is designed for the non-chemist emergency responder, transporters and others who need to understand the implications of single product and multiple product spills, releases and incidents. This course does not require any prior chemistry knowledge.

HZMT 1113 HAZARDOUS MATERIALS I
Prerequisites: HZMT 1013 Chemistry of Hazardous Materials and WMD 1113 Introduction to Weapons of Mass Destruction
Study of chemical characteristics and reactions related to storage, transportation and the handling of hazardous materials, i.e. flammable liquids, combustible solids, oxidizing and corrosive materials and radioactive compounds. Emphasis is on emergency situations and response.

HZMT 2113 HAZARDOUS MATERIALS II
Prerequisite: HZMT 1113 Hazardous Materials I
This course is a continuation of HZMT 1113 Hazardous Materials I. This course focuses on hazardous materials with special emphasis on the transportation of various hazardous materials and the emergencies which may
occur. Emphasis is on strategies for prevention and control of these emergencies.

**HEALTH, PHYSICAL EDUCATION & RECREATION**

**HPER 1011 ELEMENTARY GOLF**
This course covers the fundamentals of golf. Specific techniques of golf are presented and applied experientially.

**HPER 1031 ELEMENTARY SWIMMING**
This course covers the basic skills, strokes and forms of water safety. Individuals experience the application of water safety theory by practicing basic water safety skills.

**HPER 1061 BEGINNING VOLLEYBALL**
This course teaches the novice fundamental skills, court dimensions, rotation and scoring of recreational volleyball.

**HPER 1081 BEGINNING WATER AEROBICS**
This course is an introduction to basic conditioning exercises, adapted to water and taking advantage of the special benefits of buoyancy and water resistance, to speed physical fitness.

**HPER 1131 INTERMEDIATE SWIMMING**
This course reviews the fundamentals and teaches advanced swimming skills, techniques and water safety.

**HPER 1141 INTERMEDIATE GOLF**
This course continues with the fundamentals and teaches advanced play in golf.

**HPER 1161 INTERMEDIATE VOLLEYBALL**
This course introduces the act of power volleyball. It is geared more toward competitive volleyball at the collegiate level.

**HPER 1181 INTERMEDIATE WATER AEROBICS**
This course continues with the basic conditioning exercises mastered in beginning water aerobics. Using continuous movement to music, simple dance routines are executed to build cardiovascular endurance.

**HPER 1191 SPORTS PARTICIPATION**
This course offers competition in basketball, baseball and volleyball. It may be repeated for a maximum of four credit hours in each sport. Each enrollment will specify the sport in which the student is engaged.

**HPER 1201 SUPER CIRCUIT**
Super Circuit is a self-paced course designed for each student to learn to use weight machines in an aerobic manner. Implementation of the use of weight machines with aerobic stations presents an opportunity to gain optimal level of physical fitness

**HPER 1243 INTRODUCTION TO ATHLETIC TRAINING**
This course is an introduction to methods of prevention and immediate care of athletic injuries. It covers basic information concerning the health and well-being of athletes.

**HPER 1252 ORIENTATION TO EXERCISE SCIENCE**
This course is an orientation to various aspects of exercise science, techniques and use of facilities for fitness and health. Numerous exercises and venues, from high and low impact, will be introduced such as cardiovascular and strength training and equipment, core muscle training, yoga, Pilates, aquatic activities and apparatus, kick boxing routines, aerobic dance, step aerobics and chair exercises.

**HPER 1302 INTRODUCTION TO PHYSICAL EDUCATION**
This course is designed as an introduction to the profession of physical education. It includes a brief history, the philosophy and modern trends of physical education, teacher qualifications, vocational opportunities, expected competencies and skills testing.

**HPER 1312 FOUNDATIONS OF RECREATION**
This course is designed to develop knowledge, understanding and skills in the basic outdoor recreation activities in the community setting.

**HPER 1322 PERSONAL HEALTH**
This course is a study of the principles from natural, biological, social and behavioral sciences as they may be applied to healthful living. It emphasizes knowledge, attitudes and practices related to self-direction of healthy behavior.

**HPER 1451 RODEO ACTIVITY**
This course is designed to develop and improve skills in the basic competitive rodeo events and develop an understanding of the western heritage.
HPER 1512 THEORY OF BASKETBALL
This course is designed to teach the fundamental skills, techniques and concepts of the game for the athlete or prospective coach.

HPER 1532 THEORY OF BASEBALL
This course is designed to teach the fundamental skills, techniques and concepts of the game for the athlete or prospective coach.

HPER 1553 LIFETIME FITNESS AND MANAGEMENT
This course is designed to assist in developing and enhancing health and physical fitness. Fitness activity and wellness will be studied in order to assist in the development of regular exercise, stress management and proper nutrition. This course meets the institutional physical education requirement.

HPER 1601 ATHLETIC/PERSOAL TRAINING PRACTICUM I
This practicum provides student athletic and personal trainers basic knowledge dealing with ranges of motion, planes of the body and terminology needed to effectively work in a training room setting.

HPER 2001-4 PHYSICAL EDUCATION SEMINAR
This course is a study of special subjects or problems in physical education.

HPER 2103 EXERCISE TESTING AND PRESCRIPTION
This course covers knowledge of anatomy and physiology as it relates to exercise testing and prescription of exercise. Students will learn to administer and interpret screening methodologies as a prerequisite to exercise testing and prescription of exercise. Students will learn to interpret the results of testing and prescribe the appropriate exercise. The course will also exercise protocols for special needs individuals.

HPER 2131 ADVANCED WATER AEROBICS
This course provides an accelerated program in aerobic conditioning designed to incorporate dance and exercise routines to strengthen cardiovascular endurance.

HPER 2302 COACHING ATHLETICS
This is a course of study in the coaching of the major sports to emphasize this phase of physical education. Methods of coaching are studied through lectures, demonstrations, practice and assigned readings.

HPER 2312 FIRST AID
This is a knowledge-based course designed to instruct a student in the emergency care of injuries and sudden illness. Students will be introduced to basic human anatomy and physiology as related to injuries in order to understand how body systems react to injury. Various first aid treatment options will be presented to help students understand why certain treatments are better than others. Prospective coaches, athletic trainers and personal trainers will be presented with knowledge that will help prepare them for periodic skills-based certification coursework.

HPER 2322 SPORTS OFFICIATION
This course covers the interpretation of rules and how to officiate at athletic games and meets.

HPER 2343 CARE AND PREVENTION OF ATHLETIC INJURIES
This course will give a general knowledge toward injury prevention and immediate care for the most common sports injuries. Basic foundations are also provided in more specific areas of rehabilitation.

HPER 2512 ADVANCED THEORY OF BASKETBALL
This course is designed to review and refine the basic skills and techniques of the game and to develop team concepts and philosophies of offense and defense.

HPER 2532 ADVANCED THEORY OF BASEBALL
This course is designed to review and further develop the basic skills and techniques of the sport and to develop the philosophies and sciences of hitting, pitching, position play and game situations.

HPER 2593 PROTECTIVE TECHNIQUES IN ATHLETIC TRAINING
This course is designed for the student pursuing a career as an Athletic Trainer, for a coach whose school does not have access to athletic training services or for an individual pursuing a career in sport medicine. This course will allow students to develop a basic understanding of the principles of supportive taping and wrapping and custom pad development for the prevention of athletic injuries.

HPER 2601 ATHLETIC TRAINING LEVEL 2
Prerequisite: HPER 1243 Introduction to Athletic Injuries or HPER 1601 Athletic/Personal Training Practicum I
This practicum provides student athletic trainers an
understanding of the proper management of serious injuries. Students will get hands-on application of experience on the proper use of ambulatory aid, care for cervical spine injuries and proper neurological assessment of concussions.

**HPER 2611 PERSONAL TRAINING PRACTICUM II**
Prerequisite: HPER 2103 Exercise Testing and Prescription and HPER 1601 Athletic/Personal Training Practicum I
This practicum provides student personal trainers with a clinical setting on the RCC campus. Students will get hands-on application experience in health appraisals and assessments, development and implementation of cardiovascular and strength training programs, reassessment tests including cardio-respiratory fitness, body composition, muscular fitness, flexibility and lower back function.

**HPER 2623: PERSONAL TRAINER CERTIFICATION COURSE**
Prerequisites: ZOOL 2134 Anatomy with Lab; ZOOL 2144 Physiology with Lab; HPER 2103 Exercise Testing and Prescription; and AHS2013 Nutrition
The course is designed to bridge the gap between clinical exercise science related course work and the practical application skills of personal training. Learn how to properly screen and evaluate clients for safe participation in an exercise program, design and implement exercise prescriptions for multiple populations and goal attainment and apply the principles of exercise in a personal training environment. A Personal Training Certification is available through the National Council for Strength and Fitness upon successful completion of the course.

**HPER 2651 ATHLETIC TRAINING LEVEL 3**
Prerequisite: HPER 2343 Care and Prevention of Athletic Injuries and HPER 2601 Athletic Training Level 2
This practicum provides student athletic trainers with a clinical setting on the RCC campus. Students will get hands-on application experience to aid in the prevention of athletic injuries, to recognize and care for those that occur, to refer to the appropriate medical specialist and work for complete recovery through rehabilitation, so that RCC athletes may return to full participation as safely and quickly as possible. The practicum takes place over a semester period. During the semester the student will work in the RCC athletic training room and with the athletic teams.

**HEALTH TECHNOLOGY**

**HTEC 2116 SURGICAL TECHNOLOGY THEORY I**
Course may be waved with a valid Liaison Council on Certification for Surgical Technologists certificate. In an applied setting, this course is designed to develop an understanding of theory in surgical technology. It will cover the necessary basic knowledge for assuming the responsibilities of a surgical technologist. Areas emphasized will be medical terminology, medical-legal aspects and care of surgical patients, supplies and equipment. This course will be offered through a technology center nation accredited health program

**HTEC 2124 SURGICAL TECHNOLOGY CLINICAL I**
Prerequisite: HTEC 2116 Surgical Technology Theory I
Course may be waved with a valid Liaison Council on Certification for Surgical Technologists certificate. In an applied setting, this course is designed to develop clinical skills in surgical technology. Areas emphasized will be medical terminology, medical-legal aspects and care of surgical patients, supplies and equipment. This course will be offered through a technology center national accredited health program

**HTEC 2136 SURGICAL TECHNOLOGY THEORY II**
Prerequisite: HTEC 2116 Surgical Technology Theory I
Course may be waved with a valid Liaison Council on Certification for Surgical Technologists certificate. In an applied setting, this course is designed to develop understanding of theory in surgical technology. This course will cover the necessary knowledge and techniques basic to effective performance as a scrubbed team member in the operating room. An intense review
of the surgical specialties will focus on the normal structure and function of body parts, with discussion of common disorders requiring surgical intervention. Preparation and use of equipment and supplies for surgical procedures will be reviewed. The responsibilities of the surgical technologist in the care and safety of the patient during the general and specialty fields of surgery will be elaborated. This course will be offered through a technology center national accredited health program

**HTEC 2144 SURGICAL TECHNOLOGY CLINICAL II**  
Prerequisite: HTEC 2136 Surgical Technology Theory II  
Course may be waved with a valid Liaison Council on Certification for Surgical Technologists certificate. In an applied setting, this course is designed to develop clinical skills in surgical technologists beyond HTEC 2124. The student will experience clinical assignments in the operating room. Knowledge and performance as a scrubbed member of general surgery and specialty surgery teams will be stressed. Developing and improving skills in assisting the surgeon and in the organization of work by learning to use economy in time, motion and materials will be expected. Solo scrub experiences will be assigned, enabling the student to focus on anticipating the needs of the surgeon in order to expedite the procedure, thus minimizing the patient’s exposure to trauma and displaying manual and mental dexterity in the use of surgical instruments and knowledge of the step-by-step procedure for specific surgical interventions. This course will be offered through a technology center national accredited health program

**HTEC 2156 SURGICAL TECHNOLOGY THEORY III**  
Prerequisite: HTEC 2136 Surgical Technology Theory II. Course may be waved with a valid Liaison Council on Certification for Surgical Technologists certificate. In an applied setting, this course is designed to develop advanced understanding of theory in surgical technology. Knowledge and techniques basic to effective performance as a team member in the operating room will be stressed. The responsibilities of the surgical technologist in the care and safety of the patient during and after surgical intervention and in the general and specialty fields of surgery will be reviewed. Adaptation, utilizing change-agent theory and conflict-resolution approaches will be discussed. This course will be offered through a technology center national accredited health program

**HTEC 2164 SURGICAL TECHNOLOGY CLINICAL III**  
Prerequisite: HTEC 2156 Surgical Technology Theory III  
Course may be waved with a valid Liaison Council on Certification for Surgical Technologists certificate. In an applied setting, this course is designed to develop advanced clinical skills in operating rooms of affiliating agencies. Selected learning experiences in general and specialty surgery will be included. Focus will also be directed toward anticipatory socialization and adaption to rid role transformation from student to graduate. This course will be offered through a technology center national accredited health program.

**HISTORY**

**HIST 1483 UNITED STATES HISTORY TO 1877**  
This course is a general survey of U.S. history from its pre-colonial origins to the end of the Reconstruction Era, with emphasis upon national political, diplomatic, economic, constitutional, social and intellectual developments.

**HIST 1493 UNITED STATES HISTORY, 1877 TO PRESENT**  
This course is a general survey of U.S. history from the end of the Reconstruction Era to the present day with emphasis upon national political, diplomatic, economic, constitutional, social and intellectual developments.

**HIST 2001-3 HISTORY SEMINAR**  
Prerequisite: Approval of the instructor. This course presents studies in selected topics in history which develop capabilities in historical analysis and creative expression.

**HIST 2123 WESTERN CIVILIZATION, ORIGINS TO 1500**  
This is a survey course which examines political events and the development of institutions and ideas within the context of social and economic movements in early modern Western Civilization. Topics include the Renaissance, the Reformation, the development of nation-state, the Enlightenment and the French Revolution.

**HIST 2133 WESTERN CIVILIZATION, 1500 TO PRESENT**  
This is an introductory survey of Europe within a world perspective during the nineteenth and twentieth centuries. The course examines the major political,
economic, social and cultural trends in the major
countries, European foreign affairs and overseas
expansion.

**HOMELAND SECURITY**

**HLS 1013 INTRODUCTION TO TERRORISM**
The course identifies the fundamental and underlying
reasons why America is a target for terrorists as it
compares and contrasts various international terrorist
groups and their respective ideologies. A review is made
of the origins of modern terrorism, religion and terror,
typologies of terrorism and distinctions between
terrorism and serious crimes. Additionally, the course
will address the various definitions of terrorism
including the influences of religion, ethnic and
geographical distinctions. From an historical perspective
students will come to appreciate the ideological basis for
terrorism, begin to understand the differences between
the various “active” terrorist organizations and acquire a
basic framework for discussing WMD (Weapons of
Mass Destruction) issues. Finally, this course will also
lay the foundation for the student to undertake further
intermediate terrorism-related curriculum.

**HLS 1113 HOMELAND SECURITY**
The concepts of homeland defense and the need to better
fortify the US homeland and its interests from
asymmetric threats were recognized, but action to
remedy vulnerabilities was limited in comparison to
defensive measures taken during the Cold War. Within
this context, this course will explore the boundaries of
this national security mission by examining the threats,
the actors and the organizational structures and resources
required to defend the American homeland.

**HLS 1213 INTERMEDIATE TERRORISM**
Prerequisite: HLS 1013 Introduction to Terrorism or
instructor permission
This course is a detailed exploration of the motivations
of the international terrorist as well as the mechanisms
of international terrorism. It will analyze the missions of
key agencies involved with the “War on Terrorism,”
evaluate their contributions and determine ways they
may work more synergistically. The course will examine
the ideological basis and characteristics of international
terrorist organizations. This will include differentiating
and comparing the recruiting and financial support
mechanisms of various international terrorist
organizations and evaluating their relative strengths and
weaknesses.

**HLS 1233 DOMESTIC TERRORISM**
Prerequisite: HLS 1013 Introduction to Terrorism or
instructor permission
This course traces the history, emergence and growth of
paramilitary and terrorist groups within the United
States. Students will assess various groups' intentions,
capabilities and activities within contexts of and
ramifications on political, national security and legal
paradigms.

**HLS 1253 INTERNATIONAL TERRORISM**
Prerequisite: HLS 1013 Introduction to Terrorism or
instructor permission
This course of instruction will explore and understand
what the International terrorist is trying to accomplish
and why. We will explore the ideological basis and
characteristics of three (3) selected international terrorist
organizations, differentiate and compare the recruiting
and financial support mechanisms of various
international terrorist organizations and provide
information to the student relative to active international
terrorist organizations.

**HLS 2113 PSYCHOLOGY OF TERRORISM**
Prerequisite: HLS 1213 Intermediate Terrorism or
instructor permission
This course attempts to answer several questions. First,
why would an individual engage in terrorist activities?
Second, can potential terrorists be identified before they
act? And third, can societies prevent individuals from
becoming terrorists? To answer these questions,
materials will be presented about the psychological,
biographic, cultural/demographic and sociological facets
of terrorism as they represent past and present terrorist
threats.

**HLS 2133 COUNTER-TERRORISM**
Prerequisite: HLS 1213 Intermediate Terrorism or
instructor permission
This course examines terrorism as a social and political
instrument from past to present. Topics include, Latin
American influences on terrorism, origins of Middle
Eastern terrorism, Osama Bin Laden & Al Qaeda, U.S.
domestic terrorism issues, counter terrorism, homeland
security, national & domestic intelligence resources
against terrorism, WMD and future issues on terrorism.

**HLS 2153 TERRORISM TACTICS**
Prerequisite: HLS 1213 Intermediate Terrorism or
instructor permission
This course will provide an expanded review of the
agencies tasked with the “War on Terrorism”, provide
more information on the major Intelligence disciplines trying to develop Indications and Warning of future terrorist events; profile three different terrorist groups: [Radical religious (i.e., fundamentalism), revolutionary based groups and political groups] and examine the following: methods of recruiting, ideological development, basic organization, characteristics and actual operations of at least 3 major international terrorist organizations.

**HLS 2173 ISLAM AND MILITANT EXTREMISTS**
Prerequisite: HLS 1213 Intermediate Terrorism or instructor permission
This course will enable students to put the contemporary Islamist challenge to the West into historical, political and cultural context and to understand Islam and the Islamic world more broadly. The central theme of the course will be to address the question of whether the relationship of theology to polity within Islamic societies is unique to that religious tradition.

**HUMANITIES**

**HUM 2001-3 HUMANITIES SEMINAR**
This course is a study of selected topics in humanities.

**HUM 2113 GENERAL HUMANITIES I**
Prerequisite: ENGL 1113 English Composition I
This course is a study of significant ideas, discoveries and creative achievements of humanity in the areas of art, music, literature, science, philosophy, religion, industry, technology, ethics, government and law from pre-history through the Renaissance.

**HUM 2173: BELIEFS AND BELIEVERS**
This course takes a comprehensive look at the nature and function of the religions and secular beliefs that comprise the major world views, including Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, Islam and other belief systems that are outside the scope of mainstream religious institutions.

**HUM 2223 GENERAL HUMANITIES II**
Prerequisite: ENGL 1113 English Composition I
This course is a study of significant ideas, discoveries and creative achievements of humanity in the areas of art, music, literature, science, philosophy, religion, industry, technology, ethics, government and law from the Renaissance through the present.

**HUM 2233 HUMANITIES THROUGH THE ARTS**
This course provides a survey of the humanities through art, music, literature and other artistic forms which illustrate the relationships among the arts and the major concerns of humankind. This course covers Classical Greece to the present.

**HUM 2243 FILM AS LITERATURE**
Film Studies is designed to introduce the students to the aesthetics of film, including how a film is created, how an entire film functions, how to analyze a film critically and how film art has changed throughout history. Students will learn the basics of film form and technique and will apply these principles to films screened in class.

**HUM 2613 LEADERSHIP DEVELOPMENT STUDIES**
This course provides students an understanding of leadership philosophies, styles and skills needed for them to emerge as responsible, well-prepared leaders and followers who can affect change and enhance the quality of life locally and globally. Servant leadership, ethical leadership, team building, conflict management and resolution, decision making, vision articulation, necessity of change and the empowerment of self and others are components of this course. This course is also offered for “Honors” credit.

**INFORMATION TECHNOLOGY**

**ITEC 1016 PC HARDWARE AND SOFTWARE**
This course gives students in-depth exposure to computer hardware and operating systems. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs students learn how to assemble and configure a computer, install operating systems and software and troubleshoot hardware and software problems. An introduction to networking is included. This course helps students prepare for CompTIA’s A+ certification.

**ITEC 1113 FUNDAMENTALS OF UNIX/LINUX**
Prerequisite: ITEC 1016 PC Hardware and Software.
This course teaches students how to use UNIX and LINUX operating systems and operating environment commands using hands-on exercises. This course also introduces the student to the Common Desktop Environment (CDE - graphical interface between different environments). The class is intended for new users of UNIX and LINUX.
ITEC 1213 COLOR AND DESIGN THEORY
This course offers an exploration into basic design principles consisting of line, form and color as a visual communication. It also includes visual problem solving and organization, dealing with letter forms (typography), shapes, value and color theory.

ITEC 1216 FUNDAMENTALS OF DIGITAL MEDIA TECHNOLOGIES
This course focuses on principles of business ethics, employability skills, business communication and marketing theory. It also helps develop fundamental computer concepts, such as personal computer procurement and utilization and advanced Internet concepts.

ITEC 1223 MICROSOFT CERTIFIED DESKTOP SUPPORT TECHNICIAN (MCTS)
Prerequisite: ITEC 1016 Hardware and Software and ITEC 1353 Network Operating Systems
This course will acquaint the student with the critical skills and knowledge needed to support users, install Windows operating systems and troubleshoot common desktop applications including Email applications and the Microsoft Office suite in a Windows environment. Instructional procedures will include learning activity projects (in this handbook), visual aids and outside speakers. Student participation in the form of questions, reinforcement of academic skills, discussion of related experiences, student demonstrations, completed hands-on assignments and small group work would be encouraged.

ITEC 1313 WEB PROGRAMMING
Prerequisites: ITEC 1213 Color and Design Theory and ITEC 1216 Fundamentals of Digital Media Technologies
This course provides an introduction into HTML and programming concepts. Topics also include introduction, syntax and coding, creating style sheets (CSS), FTP and basic programming skills.

ITEC 1353 NETWORK OPERATING SYSTEMS
Prerequisite: ITEC 1016 PC Hardware and Software.
This course teaches the fundamentals of data networking needed to prepare for the CompTIA Network+ exam. It includes basic networking vocabulary and concepts, including the OSI reference model and protocols that run at the various layers. Various devices required to network computers are covered, including hubs, switches, bridges, routers, transceivers, cabling, multiplexers, CSU/DSUs, Wireless Access Points and Gateways. Practical application includes, planning, installing, configuring and troubleshooting a local area network (LAN).

ITEC 1513 PROGRAMMING FUNDAMENTALS
Prerequisite: High School Algebra
This course will focus on the core concepts of computer programming from problem identification through solution and implementation. The students will learn the fundamental creation and uses of flowcharts, pseudo code, IO Statements for various programs and use Visual Basic.Net to demonstrate mastery of loops, subroutines and other programming concepts, graphical-user-interface and menu creation, multimedia and file processing and object-oriented techniques.

ITEC 1543 FUNDAMENTALS OF VIDEO PRODUCTION
Prerequisites: ITEC 1213 Color and Design Theory and ITEC 1216 Fundamentals of Digital Media Technologies
This course is designed to give students a complete introduction to the world of video production. Topics for this course include basic camcorder operations, video time, video language, video communication, program development and production planning, lighting, audio, directing and editing principles.

ITEC 1613 COMPUTER PROGRAMMING I
Prerequisite: ITEC 1513 Programming Fundamentals
This course will focus on problem solving and algorithm development in computer programming. The students will use the C++ programming language to learn the uses of structural language constructs including iteration and control statements, functions and subroutines, memory allocation and usage concepts, addresses, increment/decrement operations, pointers, pointer-based strings, arrays, recursion, stacks, queues, lists and trees. To demonstrate mastery of the concepts, students will design, code, debug and document business application and other sample programs.

ITEC 2113 WINDOWS WORKSTATION OS
Prerequisite: ITEC 1016 PC Hardware and Software
The skills and knowledge addressed in this course are designed to prepare the individual to install, configure and maintain a Microsoft Windows Workstation operating system. The objectives covered are derived from and designed to prepare the student for the Installing, Configuring and Administering Microsoft Windows Workstation Microsoft Certified Professional exam.
ITEC 2013 UNIFIED MODELING LANGUAGE (UML)
Prerequisite: ITEC 1513 Programming Fundamentals and/or ITEC 1613 Programming I
Students will demonstrate an understanding of the analysis and design phases of software development. Students will effectively use the UML and software patterns to improve software development. Computer Aided Software Engineering (CASE) tools will also be used. Students will demonstrate knowledge of theory and practice of software testing. They will differentiate between white box and black box testing, as well as unit, integration system, regression and acceptance testing.

ITEC 2123 WINDOWS SERVER OS
Prerequisite: ITEC 1016 PC Hardware and Software
The skills and knowledge addressed in this course are designed to prepare the individual to install, configure and maintain the most recent Microsoft Windows network system. The objectives covered are derived from and designed to prepare the student for the Managing and Maintaining a Windows Server Environment exam.

ITEC 2223 WEB DESIGN I
Prerequisites: ITEC 1213 Color and Design Theory and ITEC 1216 Fundamentals of Digital Media Technologies
This course is a hands-on introduction to website design tools to accelerate visual web production. This course includes information of site control, image maps, linking, tables, layout, frames, rollovers, CSS and forms to develop visually appealing web sites.

ITEC 2223 WEB DESIGN II
Prerequisites: ITEC 2223 Web Design I
This course is a hands-on approach to making visually appealing web sites. Topics for this course include working with objects, importing, selecting and modifying graphics, modifying pixels and manipulating images, working with interactivity, creating animation, creating sophisticated web page navigation and focuses on enhancing productivity of web sites.

ITEC 2243 DIGITAL WEB ANIMATION DESIGN
Prerequisites: ITEC 1213 Color and Design Theory and ITEC 1216 Fundamentals of Digital Media Technologies
This course is a hands-on course that allows for exploration into the world of digital animation. The topics covered in this course include drawing objects, working with symbols and interactivity, creating animations, creating special effects, preparing and publishing animated movies, importing and modifying graphics, building complex animations, using ActionScript, adding sound and video to the animations and working with behaviors and components of animation.

ITEC 2263 DIGITAL WEB PRESENTATIONS
Prerequisites: ITEC 1313 Web Programming; ITEC 2233 Web Design II; and ITEC 2243 Digital Animation Design
This course allows the student to integrate the concepts learned with the philosophies developed to create a web presentation for a real-world setting. Students will focus on business principles such as finances and communication, color and design theory and programming.

ITEC 2283 WEB MARKETING AND DIGITAL ADVERTISING
Prerequisites: ITEC 2263 Digital Web Presentations
This course provides concepts of marketing in relation to electronic commerce. This course will cover methods of personalization, developing new products in web context, how to build traffic and cost effectiveness.

ITEC 2363 WINDOWS NETWORK INFRASTRUCTURE
Prerequisite: ITEC 2423 Security+
This course explores advanced concepts of implementing, managing, maintaining and troubleshooting Windows-based servers and networking. Topics covered include DHCP server leases, relay agents, databases, clients, reservations and scopes; DNS server zone options, forwarding, record settings; Network Security, including security baseline and audit security settings by using security templates; Routing and remote Access, including authentication, policies, packet filters, routing interfaces, devices, ports, routing protocols and clients; and Monitoring network traffic using Network Monitor and System Monitor.

ITEC 2423 SECURITY+
Prerequisite: ITEC 2123 Windows Server OS
This course provides a broad overview of network and computer security. The course is designed to map to CompTIA’s Security+ Certification exam. Topics covered include basic security principles, establishing security baselines and audit security settings by using security templates; Routing and remote Access, including authentication, policies, packet filters, routing interfaces, devices, ports, routing protocols and clients; and Monitoring network traffic using Network Monitor and System Monitor.

ITEC 2513 VISUAL PROGRAMMING
Prerequisite: ITEC 1513 Programming Fundamentals
This course explores advanced concepts of visual computer programming using Visual Basic.Net. The students will learn how to create programs to interact
with databases and World-Wide-Web-based client/server networks. Students will demonstrate proficiency by creating advanced forms and controls to build sophisticated web applications visually, incorporating object-oriented programming techniques including inheritance and polymorphism in programs, accessing and updating database fields from within programs and designing and creating web forms and web controls to make dynamic web pages with ASP.Net.

ITEC 2543 DIGITAL VIDEO EDITING
Prerequisites: ITEC 1543 Fundamentals of Video Production
This is a hands-on course that explores the world of digital video editing. Students will focus on working with timelines, clips, transitions, essential editing techniques, audio, titles, effects, advanced editing techniques, animating clips and export options.

ITEC 2553 DIGITAL MEDIA PRODUCTION
Prerequisites: ITEC 1543 Fundamentals of Video Production
Students will learn how to create digital video introductions and titles for video, as well as how to author digital video productions. Topics for this course will include importing graphics, creating presentations, timelines, linking, audio and integration.

ITEC 2563 DIGITAL VIDEO ANIMATION DESIGN
Prerequisites: ITEC 1543 Fundamentals of Video Production
This hands-on course focuses on the ability to create a wide variety of compelling motion graphics and visual effects. Topics for this course include importing, composition, timelines, keyframes, timing, layering, painting, masking, motion, audio and rendering.

ITEC 2573 DIGITAL VIDEO PRESENTATIONS
Prerequisites: ITEC 2543 Digital Video Editing; ITEC 2553 Digital Media Production; and ITEC 2563 Digital Video Animation Design
This course allows the student to integrate the concepts learned with the philosophies developed to create a digital video presentation for a real-world setting. Students will focus on business principles such as finances and communication, color and design theory and professionalism.

ITEC 2583 DIGITAL VIDEO MARKETING AND ADVERTISING
Prerequisites: ITEC 2573 Digital Video Presentations
This course provides concepts of marketing in relation to digital video commerce. This course will cover methods of personalization, developing new products in digital video context, how to create an effective digital video and cost effectiveness.

ITEC 2613 COMPUTER PROGRAMMING II
Prerequisite: ITEC 1613 Computer Programming I
This course is a continuation of Computer Programming I and will focus on object-oriented computer programming and file manipulation. The students will use the C++ programming language to learn the uses of object-oriented language constructs including public and private classes, operator overloading, constructors and destructors in derived classes, polymorphism with inheritance hierarchies and relationships among templates, friends and inheritance. Students will also learn to create, read, write and update files in both sequential and random-access modes.

ITEC 2633 JAVA PROGRAMMING
Prerequisite: ITEC 2513 Visual Programming or ITEC 2613 Computer Programming II
This course explores the fundamental programming concepts needed to learn the JAVA programming language. Topics covered include methods, classes, arrays, stand-alone applications, GUI creation, using the abstract windowing toolkit, JAVA Applets, animations, sounds and threads. To demonstrate mastery of the concepts, students will design, code, debug and document web-based and other sample programs.

ITEC 2653 DATABASE PROGRAMMING
Prerequisite: ITEC 2613 Computer Programming II
This course is an in-depth study of relational database processing using the Structured Query Language (SQL). Topics covered include general application development using basic and advanced select statements, queries involving multiple tables, joins, functions and subqueries, data updates, tables and views, primary keys, foreign keys, indexes, data security, stored procedures and triggers, subtables, references, sets and user-defined data types in the catalog and embedding SQL and ODBC.

JOURNALISM

JOUR 2001-3 JOURNALISM SEMINAR
This course is a study of selected topics in journalism.

JOUR 2273 ADVANCED PHOTOGRAPHY
Prerequisite: JOUR 2263 Intermediate Photography or
Approval of the instructor. This course is a general introduction to portrait and studio photography. It includes aspects of studio lighting, camera technique, backgrounds, color processing, painting and other components of portrait photography. Techniques of photographing children, as well as adults, will be examined. Studio management and other aspects of commercial and industrial photography will be included.

**MANAGEMENT**

**MGMT 1333 PRINCIPLES OF ADVERTISING**
This course is a comprehensive study of the promotion function of marketing as it applies to large segments of business, industry and the professions. The course covers topics such as identifying prospects, analyzing products and markets, product positioning, consumer research, advertising budgets, media selection, writing and producing copy and layouts for print and broadcasting media, legal responsibilities, evaluating promotional campaigns, public relations, publicity and administration of advertising departments.

**MGMT 2001-4 CAREER EDUCATION SEMINAR**
This course is a study of selected topics related to experiential education and career awareness.

**MGMT 2033 PRINCIPLES OF MANAGEMENT**
This course is designed to present the basic principles of management such as planning, decision making, organizing, staffing, communicating, motivating, leading and controlling. Concepts of management apply to both profit and non-profit organizations.

**MGMT 2103 OCCUPATIONAL/TECHNICAL INTERNSHIP**
Prerequisite: Instructor Permission. Further details can be obtained in the Career Office. This course is a directed internship experience in an organization at a level requiring specific duties and responsibilities related to the student’s program of study. It is designed to integrate on-campus classroom study with practical hands-on work experience in the student’s major field of study. A student must meet all of the requirements for internship participation including completion of 20 credit hours with a 2.0 GPA or higher. During the semester of internship, the student is required to provide evidence totaling 192 hours of internship/work experience.

**MGMT 2143 BUSINESS LEADERSHIP**
This course is designed to integrate on-campus classroom study with practical hands-on business leadership and professional development opportunities. The student will establish leadership goals in the areas of business leadership, professional development, ethical and diversity responsibilities, problem solving and community service. The student is required to provide evidence of these goals and their accomplishment by assembling a Business Leadership portfolio. The student will be required to participate in activities in four leadership environments: business, civic/community, educational and social.

**MGMT 2153 FUNDAMENTALS OF PRODUCTION MANAGEMENT**
This course covers the production function in industry, which includes those procedures involved in the transformation of raw materials into the finished product. It introduces conventional and quantitative decision models, forecasting, process, human resource planning, logistics, inventory systems, cost and output control systems.

**MGMT 2221 JOB ACQUISITION/INTERNSHIP SKILLS**
This course covers the skills and techniques necessary to be employable. It is designed to provide a practical approach to the basic skills that are needed to start the process to job acquisition and/or internships. Further details can be obtained in the Career Education Office.

**MGMT 2353 SMALL BUSINESS MANAGEMENT**
This course presents techniques involved in the organization and operation of a small business. It includes causes of business failure, location, merchandising and financial problems, as well as employer-employee relations.

**MGMT 2363 HUMAN RESOURCE MANAGEMENT**
This course is a study of the principles, procedures and organizational techniques currently utilized by business in the management of human resources. It includes a study of the current developments within the general field of human resource development and management, including employment practices; employee assessment and evaluation; orientation; training programs; related federal and state legislation, regulations and orders; workforce diversity; union management and relations; and compensation management.
MGMT 2453 INTERNATIONAL SMALL BUSINESS  
Prerequisites: CMSC 1223 Business Applications Software and Approval of the Program Coordinator 
Using an international business mode, students work as team members in a simulated business firm in a state-of-the-art facility. The students perform various business functions (i.e., purchasing, accounting, marketing, human resources) as the firm transacts business with students in other simulated companies, both in the United States and in other countries. Students are involved in decision making, critical thinking and team activities. Instructional emphasis will be given to International Small Business Management.

MGMT 2463 INTERNATIONAL HUMAN RESOURCE MANAGEMENT  
Prerequisites: CMSC 1223 Business Applications Software and Approval of the Program Coordinator 
Using an international business mode, students work as team members in a simulated business firm in a state-of-the-art facility. The students perform various business functions (i.e., purchasing, accounting, marketing, human resources) as the firm transacts business with students in other simulated companies, both in the United States and in other countries. Students are involved in decision making, critical thinking and team activities. Instructional emphasis will be given to International Human Resource Management.

MARKETING  

MRKT 2323 PRINCIPLES OF MARKETING  
This course is designed to cover a systems approach to marketing in both profit and non-profit organizations. Topics include planning and forecasting, market segmentation, social responsibility, consumerism, evaluation of consumer behavior and marketing strategies related to introduction and prolonging of product life cycles, classification of consumer and industrial goods and services, pricing, promotion and distribution channels.

MRKT 2423 INTERNATIONAL MARKETING  
Prerequisites: CMSC 1223 Business Applications Software and Approval of the Program Coordinator 
Using an international business mode, students work as team members in a simulated business firm in a state-of-the-art facility. The students perform various business functions (i.e., purchasing, accounting, marketing, human resources) as the firm transacts business with students in other simulated companies, both in the United States and in other countries. Students are involved in decision making, critical thinking and team activities. Instructional emphasis will be given to International Marketing.

MATHEMATICS  

MATH 0013 BASIC MATHEMATICS  
This course presents fundamental operations on integers, common fractions, decimals and percentages and their application.

MATH 0103 GENERAL COLLEGE MATHEMATICS  
This course presents fundamental operations on whole numbers, decimals and fractions. Also included are percentages, measurements, simple statistics, geometry and real numbers.

MATH 0113 BASIC ALGEBRA  
This course is the first step in the process of learning algebra. It is intended for those who are encountering algebra for the first time or for those whose original encounter with algebra was not positive. Topics included are real numbers, order of operations, the variable concept, algebraic expressions, linear equations, inequalities, graphing, polynomials and factoring.

MATH 0123 INTERMEDIATE ALGEBRA  
Prerequisite: MATH 0113 Basic Algebra, or required score on placement exam  
This course presents a review of Basic Algebra topics and includes rational expressions and equations, concept of function, systems of equations, exponents, quadratic equations and inequalities, radical expressions and equations and complex numbers.

MATH 0136 FOUNDATIONS OF ALGEBRA  
Prerequisite: 0103 General College Math, or required score on placement exam  
This course is intended for people who have satisfactorily mastered general math techniques and concepts and are ready to proceed to algebra. Topics covered will include but not limited to: operations on real numbers, algebraic expressions, linear equations and inequalities, graphing, operations on polynomials and factoring, rational and radical expressions and equations, concepts of functions, systems of equations, exponents, quadratic equations and inequalities and complex numbers.
MATH 0153 MATH PREP
Prerequisites: Testing into General College Math, Basic or Intermediate Algebra
Math Prep is a course for AIMS students and is designed for students who need developmental mathematics courses. The course will consist of topical classroom lectures, small group mini lectures, and ALEKS an online learning component. Students can start with General College Math, Basic Algebra or Intermediate Algebra through their online learning component. This course is designed to reset a foundation upon which to build future study of algebra. Algebra is the science the opens the door to continued higher education and many job opportunities. Providing skills for decision making and problem solving, algebra equips the student for any career choice.
***You must be an AIMS student in order to enroll in this class.***

MATH 1023 STRUCTURAL CONCEPTS IN ARITHMETIC I
This course presents an introduction to problem solving and number theory as they relate to numeration systems, rational numbers, elementary algebra, functions and the use of current technologies. Does not apply toward a major or minor in mathematics. Does not substitute for MATH 1493 or MATH 1513.

MATH 1083 MATHEMATICS FOR DATA PROCESSING
This course presents the concepts of number systems and their arithmetic, binary codes, fixed and floating point numbers, logic, flowcharting, applications of mathematical methods and basic algebra with word problems.

MATH 1123 STRUCTURAL CONCEPTS IN ARITHMETIC II
Prerequisites: MATH 1023 or departmental permission
This course presents the structure of the real number system, functions, statistics, probability and elementary geometric concepts with emphasis on informal geometry. Additionally, use of technology as a teaching tool is introduced. Does not apply toward a major or minor in mathematics.

MATH 1413 TECHNICAL MATHEMATICS I
Prerequisite: MATH 0123 Intermediate Algebra or equivalent
This is a continuation of MATH 1413 Technical Mathematics I for technical-occupational students. The course includes trigonometry, complex numbers, logarithms, additional algebraic techniques and an introduction to calculus with applications.

MATH 1493 CONTEMPORARY MATHEMATICS
Prerequisite: MATH 0123 Intermediate Algebra or required score on placement examination
This general education mathematics course is for majors not requiring college algebra. The course includes the study of selected mathematical topics and their applications. Topics include, but are not limited to, set theory, logic, statistics, probability, finance, exponential and logarithmic functions, geometry, matrices and numeration systems.

MATH 1513 COLLEGE ALGEBRA
Prerequisite: MATH 0123 Intermediate Algebra or an ACT Math sub score of 19.
This course presents equations and inequalities, systems of equations, determinants and matrices, complex numbers, polynomial equations, exponential and logarithmic functions, functions and their graphs, conic sections and combinatorics.

MATH 1613 TRIGONOMETRY
Corequisite: MATH 1513 College Algebra
This course covers the six trigonometric functions and their inverses, identities, solution of triangles, polar coordinates and applications.

MATH 2001-3 MATHEMATICS SEMINAR
This course presents selected topics in mathematics, studying areas not covered by the standard curricula.

MATH 2023 STRUCTURAL CONCEPTS IN ALGEBRA
Prerequisites: MATH 1123
This course presents those topics of algebra that permeate the modern elementary program and many of those which children will encounter in the secondary school. Does not apply towards a major or minor in mathematics.

MATH 2193 ELEMENTARY STATISTICS
Prerequisite: MATH 1513 College Algebra
This course covers the basic concepts of statistics and includes probability, Normal, Chi-Square, Student and Z
distributions. Measurements of Central tendency and dispersion and variance are covered along with confidence limits and testing of hypotheses.

MATH 2503 BUSINESS CALCULUS
Prerequisite: MATH 1513 College Algebra (Not for Biology and Physics majors)
This course is an introductory course in differential and integral calculus for the non-mathematics major covering the following topics: limits, derivatives, and integration of functions of one or more variables. This course will explore a variety of applications, especially those related to Business, Economics, and Social Sciences.

MATH 2714 CALCULUS I
Prerequisites: MATH 1513 College Algebra and MATH 1613 Trigonometry
This course presents the concepts of limits and continuity of functions, derivatives and integrals of algebraic and trigonometric functions with appropriate applications.

MATH 2734 CALCULUS II
Prerequisite: MATH 2714 Calculus I
This course is a continuation of MATH 2714 Calculus I and presents the derivatives and integrals of exponential and logarithmic, hyperbolic and inverse functions, techniques of integration and indeterminate forms. Also included are the principles of analytic geometry, vectors, lines and pole transformations.

MATH 2754 CALCULUS III
Prerequisite: MATH 2734 Calculus II or Instructor approval.
This course is a continuation of MATH 2734 Calculus II and the final class in the Calculus sequence. It covers infinite series, plane curves, polar coordinates, partial derivatives, multiple integrals, vector calculus and differential equations.

MICROBIOLOGY

MICR 2134 INTRODUCTION TO MICROBIOLOGY WITH LAB
Prerequisite: Introductory General Chemistry Course and 3 credit hours of life science.
Introductory course based on the guidelines of the American Society for Microbiology. The core concept of microbial diversity is integrated to include microbial cell biology, microbial genetics and the interactions and impact of microorganisms on humans and on the environment. Laboratory exercises are aimed at reinforcing lecture topics, basic microbiological techniques as well as basic identification and safety techniques. 3 credit hours of lecture and 1 credit hour of laboratory.

MICR 2135 MICROBIOLOGY WITH LAB
Prerequisite: Introductory General Chemistry Course and 3 credit hours of life science.
Introductory majors course based on the guidelines of the American Society for Microbiology. The core concept of microbial diversity is integrated to include microbial cell biology, microbial genetics and the interactions and impact of microorganisms on humans and on the environment. The basic laboratory reinforces lecture topics, basic microbiology techniques as well as basic identification and safety techniques. In addition, the extended laboratory introduces basic techniques of molecular biology such as DNA purification, agarose and polyacrylamide gel electrophoresis, protein purification, bacterial transformation, in vitro enzyme assays, bacterial bioremediation and antibody detection using the ELISA techniques. 3 credit hours of lecture and 2 credit hours of laboratory.

MUSIC

MUS 1123 FUNDAMENTALS OF MUSIC
This course offers hands-on experience in music methods. Emphasized are the five elements of music: rhythm, melody, harmony, form and expression.

MUS 1134 MUSIC THEORY I
This course is a review of the rudiments of tonal music: scales, key signature, intervals and triads. It incorporates four-part music writing, music analysis, composition and associated skills. Also included is the development of basic aural skills related to sight-reading with rhythmic, melodic and harmonic dictation.

MUS 1234 MUSIC THEORY II
Prerequisite: MUS 1134 Music Theory I
This course is a continuation of the integrated approach to music theory covering traditional diatonic practice with an expanded study of harmonic progression and part writing, music analysis, ear-training, dictation and sight-singing.

MUS 1343 MUSIC APPRECIATION
Prerequisite: MUS 1134 Music Theory I
This course is a survey of music from Baroque through the mid-twentieth century, with an introduction of music terminology and the music of antiquity (Middle Ages and Renaissance). Emphasis will be placed on how music relates as an aesthetic experience to life, culture and social activity.

**MUS 2001-3 MUSIC SEMINAR**
This course is a study of selected topics in music.

**MUS 2041 CLASS PIANO I**
This course offers group instruction in fundamentals of the keyboard through basic note reading, rhythm, scales and beginning music reading.

**MUS 2051 CLASS PIANO II**
Prerequisite: MUS 2041 Class Piano I
This course offers group instruction in fundamentals of the keyboard with a continuation of music reading and an introduction to traditional piano literature.

**MUS 2111-2 PRIVATE INSTRUCTION IN MUSIC**
This course will be specified by each enrollment as to the type of private instruction. Students interested in private music lessons should contact a music instructor for additional information.

**MUS 2151 CHORAL UNION**
This course is a singing organization which offers the study and performance of standard compositions from the classical and popular repertory and is open to all college students. It requires three hours of rehearsal a week. It may be repeated for credit.

**NATURAL SCIENCE**

**NASC 0123 NATURAL SCIENCE CONCEPTS**
This is a course designed to meet prerequisites to science courses for those students lacking two units of lab science in high school or acceptable ACT scores. 2 semester credit hours lecture; 1 semester credit hour lab.

**NASC 2001-3 NATURAL SCIENCE SEMINAR**
This course is an introduction to many of the various courses offered in science. Areas include biology, zoology, botany, chemistry, physics, geology and other related sciences.

**NASC 2014 METHODOLOGY OF APPLIED RESEARCH IN NATURAL SCIENCES**
This course is designed as an interdisciplinary approach to scientific research. Each student will be responsible for individual research projects which include the research, experimental plan and design and collection and analysis of field data. A required scientific report will utilize the scientific method offering experience of cross-curricula dimensions including statistical evaluation of research data. Areas of emphasis will include hydrology, agriculture, biology, chemistry, microbiology and technology.

**NASC 2214 METHODS OF SCIENTIFIC RESEARCH AND WRITING**
This course is designed for the students to apply and complete the scientific method to their research from the previous semesters. The requirements complete the steps of scientific research by teaching the student communication through writing. The course is designed as a “mock publication” to be completed with an oral presentation. Enrollment is contingent on permission of instructor.

**NURSING**

**NURS 2103 ROLE TRANSITION**
Prerequisite: Acceptable score on the standardized entrance exam and admission to program.
This 3 credit hour course is designed to facilitate the transition into the Associate Degree Program for the LPN, EMT or those with experience in the health care field. The course will focus on the nursing process, skills review, exam success and critical thinking. These areas are vital for successful completion of the nursing program. This course is designed to allow students to demonstrate proficiency in the attainment of course objectives and outcomes found in the course entered (NURS 1224, NURS 1234 or NURS 2131).

**NURS 1115 FUNDAMENTALS OF NURSING**
Prerequisites: Acceptance into the program, CHEM 1215 Chemistry I w/lab or CHEM 1315 General Chemistry w/lab
Prerequisites/Co-requisites: ZOOL 2134 Anatomy w/lab, ENGL 1113 English Composition I and PSY 1113 Elements of Psychology
Co-requisite: NURS 1121 Fundamentals of Nursing Clinical
Fundamentals of Nursing is a 16 week theory and lab experience that introduces the nursing students to the dynamic concepts of person, health, environment and nursing. In addition, the nursing student is introduced to the scientific foundations of nursing practice through the core competencies of the Associate Degree Nurse. The
students are introduced to clinical decision making tools (assessment, planning, intervention, evaluation & critical thinking skills), professional behaviors, communication and collaboration within a variety of health care setting and between health care team members. Other core competencies of the Associate Degree Nurse utilized in this course include caring interventions, teaching and learning and management of care. The nursing laboratory provides the nursing students the opportunity to practice nursing skills in a controlled environment. At all times, the student will be expected to be accountable for his/her own actions/behavior.

NURS 1121 FUNDAMENTALS OF NURSING CLINICAL
Prerequisites: Acceptance into the program, CHEM 1215 Chemistry I w/lab or CHEM 1315 General Chemistry w/lab
Prerequisites/Co-requisites: ZOOL 2134 Anatomy w/lab, ENGL 1113 English Composition I and PSY 1113 Elements of Psychology
Co-requisite: NURS 1115 Fundamentals of Nursing
Fundamentals of Nursing is a 16 week lab and clinical experience that allows students to utilize new knowledge and apply new skills in the clinical setting. Concepts introduced in nursing theory and lab is utilized to assist the student nurse in planning care for clients in health care settings. Students begin to utilize clinical decision making tools and develop and exhibit professional behaviors in the clinical setting through their contacts with clients and health care personnel. Other core competencies of the Associate Degree Nurse utilized in this course include assessment, communication, caring interventions, teaching and learning, collaboration and management of care. The student will be expected to be accountable and responsible for his/her own actions and practice with in the legal/ethical standards of the nursing profession.

NURS 1211 ADULT HEALTH PROBLEMS CLINICAL
Prerequisite: NURS 1115 Fundamentals of Nursing
Prerequisites/Co-requisites: ZOOL 2144 Physiology w/lab, ENGL 1213 English Composition II and PSY 2163 Developmental Psychology
Co-requisite: NURS 1223 Adult Health Problems
Adult Health Problems Clinical is an 8 week clinical experience expanding on the previous knowledge and skills of the student in caring for clients with common health problems in the medical – surgical setting. The student continues to utilize clinical decision making tools (assessment, planning, intervention, evaluation & critical thinking) with increasing skill. The clinical setting provides the nursing students the opportunity to plan and provide care for clients, utilizing additional skills learned in the classroom and nursing laboratory and through simulation. Other core competencies of the Associate Degree Nurse utilized in this course include professional behaviors, communication, caring interventions, teaching and learning, collaboration and management of care. The student will be expected to be accountable and responsible for his/her own actions and practice with in the legal/ethical standards of the nursing profession.

NURS 1223 ADULT HEALTH PROBLEMS
Prerequisite: NURS 1115 Fundamentals of Nursing
Prerequisites/Co-requisites: ZOOL 2144 Physiology w/lab, ENGL 1213 English Composition II and PSY 2163 Developmental Psychology
Co-requisite: NURS 1211 Adult Health Problems Clinical
Adult Health Problems is an 8 week theory and lab course experience expanding on the previous knowledge and skills of the student in caring for clients with common health problems in the medical – surgical setting. The student continues to utilize clinical decision making tools (assessment, planning, intervention, evaluation & critical thinking) with increasing skill. Other core competencies of the Associate Degree Nurse utilized in this course include professional behaviors, communication, caring interventions, teaching and learning, collaboration and management of care. The student will utilize simulation technology in application to patient care scenarios. The nursing laboratory provides the nursing students the opportunity to practice additional nursing skills in a controlled environment. At all times, the student will be expected to be accountable for his/her own actions/behavior.

NURS 1233 PARENT-CHILD NURSING
Prerequisites: NURS 1223 Adult Health Problems
Prerequisites/Co-requisites: ZOOL 2144 Physiology w/Lab, ENGL 1213 English Composition II and PSY 2163 Developmental Psychology
Co-requisite: NURS 1233 Parental-Child Nursing Clinical
Parent-Child Nursing is an 8 week theory and lab course experience that introduces the student to care of the maternity client from conception through the puerperium. The process of human reproduction is reviewed and diseases of the male and female reproductive tract are introduced. This course also stresses child health as well as disease processes affecting children from birth to adolescence. The student continues to utilize clinical decision making tools
(assessment, planning, intervention, evaluation & critical thinking) with increasing skill. Other core competencies of the Associate Degree Nurse utilized in this course include professional behaviors, communication, caring interventions, teaching and learning, collaboration and management of care. The student will utilize simulation technology in application to patient care scenarios. The nursing laboratory provides the nursing students the opportunity to practice additional nursing skills in a controlled environment. At all times, the student will be expected to be accountable for his/her own actions/behavior.

**NURS 1241 PARENT-CHILD NURSING CLINICAL**
Prerequisites: NURS 1223 Adult Health Problems
Prerequisites/Co-requisites: ZOOL 2144 Physiology with Lab, ENGL 1213 English Composition II and PSY 2163 Developmental Psychology
Co-requisite: NURS 1233 Parental-Child Nursing

Parent-Child Nursing Clinical is an 8 week clinical experience that introduces the nursing student to care of the maternity client during labor, delivery and postpartum period. This clinical experience also introduces the nursing student to care of the newborn, ill or injured child from birth to adolescence. In the clinical environment, the student will continue to utilize clinical decision making tools (assessment, planning, intervention, evaluation & critical thinking) with increasing skill in order to plan and provide care for a specific group of clients in multiple clinical setting. Other core competencies of the Associate Degree Nurse utilized in this course include professional behaviors, communication, caring interventions, teaching and learning, collaboration and management of care. The student will be expected to be accountable and responsible for his/her own actions and practice with in the legal/ethical standards of the nursing profession.

**NURS 2131 COMPLEX ADULT HEALTH CLINICAL**
Prerequisite: NURS 2138 Complex Adult Health
Prerequisite/Co-requisite: HIST 1483 United States History to 1877 or HIST 1493 United States History, 1877 to Present

Complex Adult Health Clinical is a 12 week clinical experience expanding on previous skills and knowledge of the student when caring for the client with complex adult health problems. The student will experience client care in the home health or hospice and hospital setting. Student will utilize clinical decision making (Assessment, Analysis, Planning, Implementation and Evaluation) and work as a healthcare team member. The core competencies of the Associate Degree Nurse will be utilized throughout the clinical experience, which include professional behaviors, communication, assessment, clinical decision making, caring interventions, teaching and learning, collaboration and management of care. The student will be expected to be accountable and responsible for his/her own actions and practice within the legal/ethical standards of the nursing profession.

**NURS 2241 CARE OF THE PSYCHIATRIC PATIENT CLINICAL**
Prerequisite: NURS 2137 Complex Adult Health
Prerequisite/Co-requisite: HIST 1483 United States History to 1877 or HIST 1493 United States History, 1877 to Present
Co-requisite: NURS 2243 Care of the Psychiatric Patient

Care of the Psychiatric Patient is an 8 week clinical course focusing on the mental health needs of the patient. Advanced communication skills, clinical decision making (Assessment, Analysis, Planning, Interventions and Evaluation) will be used by the student when caring for the patient, families of patients and when participating as part of the health care team. The core competencies of the Associate Degree Nurse will be utilized throughout the clinical experience, which include professional behaviors, communication, assessment, caring interventions, teaching and learning, collaboration and management of care. Students will be expected to demonstrate accountability and responsibility for his/her own actions and will be
NURS 2243 CARE OF THE PSYCHIATRIC PATIENT W/LAB
Prerequisite: NURS 2137 Complex Adult Health
Prerequisite/Co-requisite: HIST 1483 United States History to 1877 or HIST 1493 United States History, 1877 to Present
Co-requisite: NURS 2241 Care of the Psychiatric Patient Clinical
Care of the Psychiatric Patient is an 8 week theory course focusing on the mental health needs of the patient. Advanced communication skills, clinical decision making (Assessment, Analysis, Planning, Interventions and Evaluation) will be used by the student when caring for the patient, families of patients and when participating as part of the health care team. The core competencies of the Associate Degree Nurse will be utilized throughout the clinical experience, which include professional behaviors, communication, assessment, caring interventions, teaching and learning, collaboration and management of care. Students will be expected to demonstrate accountability and responsibility for his/her own actions.

NURS 2255 LEADERSHIP AND MANAGEMENT IN NURSING W/LAB
Prerequisite: NURS 2244 Community-Based Nursing
Prerequisite/Co-requisite: HIST 1483 United States History to 1877 or HIST 1493 United States History, 1877 to Present
Co-requisite: NURS 2261 Management and Coordination of Nursing Clinical
Leadership and Management is an 8 week course focusing the management and leadership skills necessary to function as a team member, team leader and member of the nursing profession. Advanced communication skills, clinical decision making (Assessment, Analysis, Planning, Interventions and Evaluation) will be used by the student when caring for the patient, families of patients and when participating as part of the health care team. The core competencies of the Associate Degree Nurse will be utilized throughout the clinical experience, which include professional behaviors, communication, assessment, clinical decision making, caring interventions, teaching and learning, collaboration and management of care. The student will function as a team leader, collaborate with other disciplines, develop time management skills and care for multiple clients. Student will be expected to demonstrate accountability and responsibility for his/her own actions and will be expected to practice within the legal/ethical parameters of the nursing profession.

ORT 1111 ORIENTATION
Orientation is a recommended course for all incoming freshmen but is required for all freshmen enrolled in any zero-level course. It supplies students with information about campus services and activities, possible career options and successful college behaviors. The course also provides the student with ongoing contact with a campus representative to provide support and problem-solving assistance.

PHIL 1113 INTRODUCTION TO PHILOSOPHY
This course is a study of the human race and the universe through an emphasis on selections from some of the representative philosophers of the past and present.

PHIL 1313 CRITICAL THINKING
This course is a survey of informal principles of reasoning. Fundamental processes and assumptions in reasoning will be discussed and obstacles to effective
thinking and fallacies will be identified. This course is not designed to meet humanities requirements.

**PHIL 1413 CONTEMPORARY ETHICAL REASONING**
This course is a survey of some of the major theories and themes of ethics from past and present thinkers. The focus of this course is on the application of these concepts to contemporary ethical and moral issues.

**PHYSICAL SCIENCE**

**PHSC 1114 PHYSICAL SCIENCE WITH LAB**
This is a lecture-demonstration with laboratory course. This course presents concepts from the areas of astronomy, chemistry, physics and earth sciences. 3 hours lecture credit, 1 hour lab credit

**PHYSICS**

**PHYS 1115 PHYSICS I WITH LAB**
Prerequisites: Math 1513 College Algebra or required score on placement exam
This is a study of mechanics, relativity, heat, thermodynamics and harmonic motion. Hands-on approaches are used in the laboratory to reinforce the material covered in lecture portion of the class. 4 hours lecture credit, 1 hour lab credit

**PHYS 1215 PHYSICS II WITH LAB**
Prerequisites: PHYS 1115 Physics with Lab
This is a more detailed look into the experimental side of physics. The course includes an in-depth study of electricity, magnetism, light and modern physics. Experiments will emphasize electrical and magnetic phenomena, optical properties and certain modern physics phenomena. The lab requires a lab notebook be kept and a project be performed at the end of the semester. 3 hours lecture credit, 2 hour lab credit

**PSYCHOLOGY**

**PSY 1052 STRESS MANAGEMENT**
This course addresses the nature of stress, its causes and sources and techniques for reducing and/or avoiding it.

**PSY 1103 CAREER PLANNING**
Prerequisite: Approval of instructor. Note: Course will not substitute for any Psychology course, including PSY 1113.
This course is designed to increase the understanding and competency of setting goals, career assessment and techniques that will be utilized in the job search and throughout a lifetime of employment. It also examines the world of work through topics including Skills Assessment, Information Integration, Career Goals, Job Search Techniques, Resumes, Interviewing Skills and Development of the Career Portfolio. Further details can be obtained in the Cooperative Education Office.

**PSY 1113 ELEMENTS OF PSYCHOLOGY**
This course is an introduction to the basic principles of human development, learning adjustment and maladjustment, personality, intelligence, group processes and perception.

**PSY 1203 PSYCHOLOGY OF PERSONAL ADJUSTMENT**
This course is a study of the concepts of a healthy personality, including basic needs and drives, self-structure and promotion of a healthy personality.

**PSY 2001-3 PSYCHOLOGY SEMINAR**
This course presents studies in selected topics in psychology.

**PSY 2033 ADOLESCENT PSYCHOLOGY**
Prerequisite: PSY 1113 Elements of Psychology
This course covers the physical, mental, social and emotional development of youth, with attention given to
observation of the adolescent.

PSY 2043 SOCIAL PSYCHOLOGY
Prerequisite: PSY 1113 Elements of Psychology
This course investigates group dynamics, including the properties of the group and group structure and the products of interactions, attitudes, prejudices and values.

PSY 2053 CHILD PSYCHOLOGY
Prerequisite: PSY 1113 Elements of Psychology
This course is the scientific study of the behavior of the child from conception to adolescence. It stresses early experience in relationships, gender roles and life skills. Emphasis is given to the self-concept as developed through interaction with significant others, maturation, appreciation of environmental factors and the establishment of a value system.

PSY 2163 DEVELOPMENTAL PSYCHOLOGY
This course is designed to provide insight regarding the developmental process from conception to death. Special attention is given to the physical, cognitive and psychosocial domains of each life stage.

PSY 2183 THEORIES OF COUNSELING
Prerequisite: PSY 1113 Elements of Psychology
This course is an introduction to theories and methods of counseling. Emphasis is placed on the basic elements common to all theoretical counseling approaches.

PSY 2213 INTRODUCTION TO PERSONALITY THEORY
Prerequisite: PSY 1113 Elements of Psychology
This course is designed to examine the structure, development and processes of the personality from a variety of theoretical perspectives, including psychodynamic, behavioral, humanistic and existential perspectives.

PSY 2313 ABNORMAL PSYCHOLOGY
Prerequisite: PSY 1113 Elements of Psychology
This course is a survey of the major clinical research of the psychological disorders outlined in the Diagnostic and Statistical Manual IV (DSM IV), including anxiety, affective, dissociative and personality disorders, as well as schizophrenia and developmental disorders. Disorders will be examined from theoretical perspectives including systemic approaches and social learning, psychodynamic learning, medical and humanistic models.

SS 2233 SOCIAL STUDIES CAPSTONE
This is a capstone course for the social studies program. Its goal is to provide a culminating experience that enables students to reflect on/interpret content they have acquired in the social studies program. There will be an emphasis on written and oral communication, critical thinking, research and service learning. The course will provide a link between the goals of the program and the mission of the college.

SOCIOLOGY

SOC 1113 INTRODUCTION TO SOCIOLOGY
This is a general survey of the fundamental concepts of sociology, the elements and processes of social interactions and the application of sociological principles to social institutions, groups and problems.

SOC 1123 INTRODUCTION TO SERVICE LEARNING
The goal of this course is to prepare students for the assessment, implementation and evaluation of three community service projects.

SOC 2001-3 BEHAVIORAL AND SOCIAL SCIENCE SEMINAR
This course presents selected studies in sociology.

SOC 2063 INTRODUCTION TO SOCIAL WORK
This course introduces the field of human services and agencies, career options, ethical behavior within the field and therapeutic approaches to social and psychological problems. Techniques for aiding individuals, groups and communities to achieve higher levels of functioning will be addressed.

SOC 2113 HUMAN SEXUALITY
Prerequisite: PSY 1113 Elements of Psychology
This course will objectively examine the role of sexuality in human lives from behavioral, physiological, sociological, individual and cultural perspectives with the goal of determining and profiling an awareness of sexual health in the individual. Research techniques and findings will provide the basis for examining the issues raised in this course.

SOC 2133 CRIME AND DELINQUENCY
Prerequisite: SOC 1113 Introduction to Sociology
This course is a survey of the nature and extent of crime in selected areas of the nation. It includes identification
of the contributing causes of the crime for each area; designation of the particular approaches to apprehension and identification of the socially acceptable means of treatment.

**SOC 2173 PROBLEMS IN SOCIOLOGY**
This course focuses primary attention on current social problems. Topics include mental illness, drugs, minority group relations, crime, delinquency and general social disorganization.

**SOC 2183 SOCIOLOGY OF THE FAMILY**
This course centers on the normative development of the family unit in contemporary life. The course includes attention to current research regarding changes in the family, alternative lifestyles, extended families, relationship development, life cycle transitions, divorce and remarriage.

**SPANISH**

**SPA 1053 CONVERSATIONAL SPANISH I**
This course covers speaking and responding in basic Spanish phrases and sentences. It also introduces very basic concepts of Spanish grammar and the reading and writing of simple sentences in Spanish. This course is not intended to fulfill foreign language degree requirements.

**SPA 1063 CONVERSATIONAL SPANISH II**
Prerequisite: SPA 1053 Conversational Spanish I or approval of the instructor. This course is designed to elaborate and embellish upon basic conversational skills introduced in Conversational Spanish I. Practical oral and written communication in Spanish will be emphasized. This course is not intended to fulfill foreign language degree requirements.

**SPA 1115 BEGINNING SPANISH I**
This is an elementary course in Spanish grammar, pronunciation, reading and conversation. The student will be able to communicate better in a global society.

**SPA 1125 BEGINNING SPANISH II**
Prerequisite: SPA 1115 Beginning Spanish I
This course is a continuation of SPA 1115 Beginning Spanish I, an elementary course in understanding, speaking, reading and writing Spanish. The student will be able to communicate in a global society with the knowledge of the Spanish language.

**SPEECH**

**SPCH 1113 FUNDAMENTALS OF SPEECH**
This is a basic course in which principles of speech communication as they apply to interpersonal relationships, group discussions and individual speech presentations are emphasized. The practical application of effective speech skills and their importance to success in college, career and social relationships receive careful consideration.

**SPCH 1123 INTRODUCTION TO DRAMA**
This is a course designed to introduce the theater and to build performance skills through varied interpretation and acting assignments.

**SPCH 1132 SPEECH ACTIVITY PARTICIPATION**
Recommendation: Consultation with an instructor prior to enrollment is suggested. This course offers preparation for and participation in dramatic productions of intercollegiate speaking events. It may be repeated.

**SPCH 1253 VOICE AND DICTION**
Prerequisite: SPCH 1113 Fundamentals of Speech. This course is an introduction to the International Phonetic Alphabet as an aid to the improvement of pronunciation. A study of standard and non-standard English usage is included. Opportunities for improving the voice, articulation and expressive intonation for effective communication are also provided.

**SPCH 2001-3 SPEECH SEMINAR**
This course is a study of selected topics in speech.

**SPCH 2133 INTERPERSONAL COMMUNICATION**
This is a course in which skills in effective communications with friends, family and co-workers are developed through the application of theoretical communication principles to everyday situations. Use of role playing, interviewing and group discussion activities allows the application of acquired knowledge about self-concept, listening, body language, assertiveness and conflict management to their relationships with individuals and small groups.

**SPCH 2213 ARGUMENTATION AND DEBATE**
This course covers the principles of finding and evaluating evidence, developing proofs, analyzing propositions, constructing cases, exposing fallacies, attacking or defending arguments and composing and
presenting argumentative discourse. Experience in mini-
debates, standard and cross-examination debating are
provided in class. Participating in intercollegiate
competition is recommended.

**SPCH 2223 INTERMEDIATE DRAMA**
Prerequisite: SPCH 1123 Introduction to Drama or
Approval of the Instructor.
This course is designed to refine skills in acting, stage
movement and vocal interpretations. Emphasis is placed
on developing concentration, character analysis and
coordination of movement, thought and voice. It may be
repeated.

**SPCH 2313 BUSINESS AND PROFESSIONAL SPEECH**
This course is designed to assist in applying speaking
skills for typical life situations. Development of skills in
preparing and presenting informative, persuasive and
special occasion speeches is emphasized. Opportunities
for practice in job interviews, chairing meetings and
presenting business or professional reports will also be
provided.

**SPCH 2333 GROUP DISCUSSION**
This course covers principles and practices of effective
group discussion. Special emphasis will be placed upon
becoming effective participants and leaders in discussion
groups. The application of group dynamics theory to
specific setting and the analysis of oral interaction in
different kinds of small groups will be presented. The
process of decision making through group participation
will also be explored.

**VITICULTURE**

**VIN 1111 OKLAHOMA VINEYARD MANAGEMENT**
This course will explore the establishment and
maintenance of a vineyard with specific emphasis placed
on growing grapes in Oklahoma. Focus is on the
agricultural production of grapes in Oklahoma.

**VIN 1113 VITICULTURE I**
This course will explore the establishment and
maintenance of a vineyard. Focus is on the agricultural
production of grapes in the Midwest.

**VIN 1121 GLOBAL TERROIR**
The class will provide an introduction to the world's
wine-producing regions, including history, viticulture
practices and winemaking styles. The class will focus on
the grapes, the soil, the climate and a short history of
each region and its viticulture practices. The student will
gain an understanding of the production practices of
wines from these countries. Students will explore how
the history, culture, winemaking philosophies,
geography, grape varieties, wine styles and politics of
each country combine into a common category of New
World Wines. The New World (in this course) refers to
Canada, the United States of America, South America,
Australia, New Zealand and South Africa.

**VIN 2101-2104 VITICULTURE PRACTICUM**
The Vineyard Practicum is designed to give students the
opportunity to work in an established vineyard and
interact with a qualified mentor.

**VIN 2111 INTEGRATED PEST MANAGEMENT**
Decisions need to be made for how to manage all of
the normal cultural practices such as planting, fertility,
harvesting and pruning as well as managing the insect,
disease and weed problems that occur either regularly or
sporadically. The information in this course will address
management issues related to commonly expected pest
related issues.

**VIN 2112 VITICULTURE II**
Prerequisite: VIN 1113 Viticulture I
This course will cover a variety of topics in the field of
viticulture. Topics include a review of vine physiology
(the cycle of vine growth, photosynthesis and water
relations); vineyard establishment (site evaluation,
hillside vineyards, rootstock/ cultivar selection, handling
planting stock, vine training and spacing and trellising
considerations); vineyard management (canopy
management, pruning, irrigation systems and scheduling,
monitoring vine nutrition, diagnosis and correction of
nutritional problems, grafting and budding,
mechanization in the vineyard, vineyard floor
management options and frost protection
considerations); and pest management (viruses, mildew
and bunch rot, nematodes and insect pests).

**VIN 2221 VINEYARD TECHNOLOGY**
Prerequisites: ENO 1112 Enology I
This is a course in the basic science and technology of
vineyard operations.

**VIN 2231 SOIL, IRRIGATION AND NUTRITION**
This course covers soil analysis irrigation technology
and vine nutritional needs.
VIN 2962 VINEYARD AND WINERY MARKETING
This course will explore the marketing aspects of the wine industry. Focus is on the need for differentiation from competitors in agri-tourism. The outcome will include a public relations program for an existing or future winery.

VIN 2972 WINERY TASTING ROOM MANAGEMENT
This course will explore the management of winery tasting rooms. Focus is on the customer service and customer loyalty.

WILDLIFE SCIENCE

WILD 1513 INTRODUCTION TO WILDLIFE CONSERVATION
This course is a survey of the many aspects of wildlife conservation. Principles of conservation and management, ecology, mathematical modeling, law enforcement and inter-governmental agencies relationships are emphasized.

ZOOGOLOGY

ZOO 1125 ZOOLOGY WITH LAB
Prerequisites: none
This course is a study of the animal kingdom with emphasis on phylogenetic relationships, comparative anatomy, physiology, morphology, behavior and ecological relationships of all animal behavior. Evolution of systems and mechanisms which have allowed animals to survive and adapt to diverse habitats will also be studied. 3 hours lecture, 2 hours lab credit

ZOO 2134 ANATOMY WITH LAB
Prerequisites: none
This course covers cytology, histology, development and gross morphology of all human body systems. A look at a few diseases will also be addressed in the appropriate body system to compare the normal conditions with the abnormal characteristics that develop in both lecture and laboratory. 3 hours lecture, 1 hour lab credit

ZOO 2144 PHYSIOLOGY WITH LAB
Prerequisite: Introductory general chemistry course, ZOO 2134 Human Anatomy or permission of instructor
This course involves the study of the functional systems of the human body. Included are the special senses, circulatory, digestive, endocrine, nervous, muscular, respiratory, skeletal, integumentary, urinary and reproductive systems. 3 hours lecture, 1 hour lab credit
ADMINISTRATION

Larry F. Devane, B.S.Ed., M.S.Ed., Ph.D. .............................................................. President
William B. Baker, B.S., M.A. ............................................................... Vice President for Academic Affairs
Karen E. Boucher, B.S.Ed., M.Ed. .............................................................. Vice President for Finance and Campus Services
Joel Drury, A.A., B.S. .............................................................. Vice President for Student Services and Institutional Advancement

PROFESSIONAL STAFF

Kim Andrade, A.A.S, B.B.A. .............................................................. Director for Human Resources
Brennan Apostolo, B.S., M.Ed. .............................................................. Student Development Specialist for NASNTI
April Bow, B.S. ............................................................................... Coordinator for Agricultural Continuing Education
Curtis Brabham, Jr., Certificate ........................................................ Assistant Director for Technology
Jack Bryant, A.A., B.A., M.Ed. .............................................................. Vice President for Workforce and Economic Development
Richard Buchholz, Certificate ...................................................... Coordinator for Physical Plant Operations
Deborah Buttrum, B.S.N., M.S.N. ........................................................ Division Director for Allied Health and Nursing
Maxine Calvert, A.A. ........................................................................ Coordinator for Business Office Operations
Matthew Clements, B.S. .............................................................. Coordinator for Administrative Technology Services
Barbara Cox, B.S.Ed., M.S.Ed. .............................................................. Division Director for Performance Arts, CAMS & DF
Lauren Cullen, B.B.A. ........................................................................ Coordinator for School Relations
Christine Dettlaff, B.A., M.L.I.S. .......................................................... Director for Learning Resources Center
Eric Duda, B.S. ............................................................................... Head Coach for Women’s Volleyball and Manager for Athletic Game Day Operations
Amanda Evert, A.A., B.S., M.S.Ed., Ph.D. ........................................... Vice President for Undergraduate Research and Resource Development
Neil Fobes, B.S. ............................................................................ Manager for Dairy Operations
Daniel French, A.A., B.S., M.B.A. ...................................................... Academic Advisor for Title IV Student Support Services Grant
Chris Grace, B.S. .............................................................. Head Coach for Women’s Golf and Coordinator for Athletic Development
Laura J. Gruntmeir, B.S., M.H.R., Ed.D. .............................................. Division Director for PACES, LS & MS
Matthew Hamilton, A.A., B.B.A. ...................................................... Director for Technology
Jennifer Hardaway, A.A., B.S. .............................................................. Coordinator for School Relations
Dennis Harris, A.A., B.S., M.S., M.B.A. ................................................ Registrar and Director for Student Records
Jacki Herrel, A.A., B.B.A. .............................................................. Coordinator for Alternative Education for the Carl Perkins Grant
Tricia Hobson, B.S., M.Ed. .............................................................. Director for Enrollment Management
Karen Huett, A.A., B.S. .............................................................. Coordinator for the Scholars for Excellence in Child Care Grant
Jacob Johnson, B.S., M.Ed. ...................................................... Assistant Coach for Men’s Baseball and Coordinator for Intramural Sports
Melinda King, A.S., B.S. .............................................................. Project Director for the Aging Services of Canadian County Grant
Yaphett King, A.A. ............................................................................... Head Coach for Men’s Basketball
Julie Lamb, B.A., M.Ed. .............................................................. Director for the Project GOALS Grant
Tamie McCabe, B.S., M.Ed. .............................................................. Coordinator for Academic Assistance and Assessment
Linda McDown, B.A., M.Ed. .............................................................. Director for Upward Bound
Jessica McKelvey, B.A., M.S. .............................................................. Academic Specialist for Veterans Upward Bound
Laura McMindes, A.A., B.S., M.Ed. .................................................. Math Skills Specialist for Title IV Student Support Services Grant
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Arminda Mitchell, B.S. .............................................................. Job Skills Specialist for the Project GOALS Grant
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Jessica Nelson, B.A., M.Ed. ................................................................. Education Specialist for Upward Bound
Matt Newgent, B.A., M.B.A. .................................................. Director for Athletics and Head Coach for Men’s Baseball
Jay Niehues, B.S., M.A. ............................................. Head Coach for Women’s Basketball and Director for Sports Information
Samuel Nusz, B.S, M.S. .......................................................... Director for Artificial Insemination
and Manager for the Darlington Applied Research Center
Paris Przekurat, A.A. ........................................................................................................ Acting Director for Financial Aid
Gaylina Peters-Hurtt, A.A. ........................................................................ Coordinator for Events and Hospitality
Michael Raymond, A.A., B.S. ........................................... Manufacturing Extension Agent for the Manufacturing Alliance Grant
Anna Rinehart, B.S. .......................................................................................... Coordinator for Fitness for Life Program and Fitness Trainer
James Rupp, B.S., M.B.A. ........................................................................ Director for Veterans Upward Bound
Arlie Schroder, A.A., B.A., M.H.R. ........................................................................ Coordinator for Cooperative Alliances
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Deirdre Steiner, B.A. ........................................................................ Director for Communications and Marketing
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Katie Voegeli, B.A., M.Ed. ........................................................................ Coordinator for Retention and Advisor
Belynda Woodruff, A.A., B.B.A. ........................................................................ Bursar
Jill Worthington, A.S., B.S. ........................................................................... Coordinator for Development and Alumni
FULL-TIME FACULTY

Terri Barger, B.A., M.A. ........................................................................................................ Professor for Career Education and Coordinator for Career Services and Student Activities
Rachel Bates, B.S., M.S. .................................................................................................................. Professor for Mathematics
Nicholas Bayer, B.F.A., M.Ed., M.F.A. .................................................................................. Professor for Art and Gallery Curator
Miranda Cash, A.S., A.A.S., B.S.N. .................................................................................. Instructor for Nursing
Scotti Charmasson, B.S., M.S. .................................................................. Professor and Coordinator for the Animal Reproduction Laboratory
Christine Clark, B.S., B.S.N. .................................................................................. Instructor for Nursing
Peggy S. Clifton, B.S., M.Ed. ........................................................................................................ Professor for Mathematics
Peggy S. Clifton, B.S., M.Ed. ........................................................................................................ Professor for Mathematics
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Kathy Dowdle, A.A.S., B.S.N., M.S.N. .................................................................................. Professor for Nursing
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ADJUNCT FACULTY

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Judd Kopp, B.A., M.Ed. ...................................................................................................... LS & MS
Karen A. Landolfi, B.A., M.A. ........................................................................................ PACES
Kathy Lardner, B.S., J.D. ........................................................................................................ LS & MS
Angela Lesperance, A.A.S. ................................................................................................. LS & MS
J. Susan Lewellen, B.S. ....................................................................................................... LS & MS
Michael Lopez, B.A. ........................................................................................................... PACES
James Mauldin, B.S.Ed., M.Ed. ....................................................................................... LS & MS, CAMS, DF & PA and PACES
James McClung, Certificate ............................................................................................. Allied Health & Nursing
Dee McKenna, B.S., M.Ed. .................................................................................................. CAMS, DF & PA
Billi Kay Meacham, B.A., M.S. ........................................................................................ PACES and LS & MS
Petrina Medley, B.S., M.A., Ph.D. ..................................................................................... LS & MS
Dana Meeker, A.A.S., B.A., M.Ed. ...................................................................................... LS & MS
Helen Naifeh, B.A. ................................................................................................................ PACES
Kindra Nelson, B.S.N. ........................................................................................................ Allied Health and Nursing
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Karen Olive, B.S., M.L.Sc. .................................................................................................. CAMS, DF & PA
Lucille Penner, B.S. .......................................................................................................... CAMS, DF & PA
Janet Pennington, B.S. ...................................................................................................... CAMS, DF & PA
William Phillips, B.S., M.S., Ph.D. .................................................................................... PACES
Sheryl Powers, B.S., M.B.A. ............................................................................................... LS & MS
Rebecca Ratterman, B.S., M.Ed. ......................................................................................... LS & MS
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Delana Roberson ................................................................................................................ LS & MS
Dewey Roof, A.A.S. ........................................................................................................... Allied Health & Nursing
Julie Rother, B.S ................................................................................................................ CAMS, DF & PA
Donald Rowe, B.S. ............................................................................................................ CAMS, DF & PA
Alexandria Rupp, B.A. ...................................................................................................... LS & MS
Zacharia Rupp, B.A. ........................................................................................................... LS & MS
Ryan Schenk ...................................................................................................................... LS & MS
Marcia Shottenkirk, B.A. .................................................................................................. LS & MS
Paul Simon, B.A., M.Ed. ................................................................................................... PACES
Barbara Smith, A.A.S., B.S.N., M.S.N ............................................................................ Allied Health & Nursing
Roy Smith, A.A.S ............................................................................................................... Allied Health & Nursing
Winona Smith, A.A.S., A.S., B.S.N ................................................................................... Allied Health and Nursing
Greg Speicher, B.S., Certificate ......................................................................................... Allied Health & Nursing
Tom Stephenson, L.L.B, M.L.A. ......................................................................................... LS & MS
Matthew Stockman, B.S., M.A. ........................................................................................ PACES
Linda R. Stone, A.A., B.A., M.A. ........................................................................................ LS & MS
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