



2009

## Sayre: Undergraduate Catalog 2009-2010

Southwestern Oklahoma State University

### Description

This catalog describes courses offered at Southwestern Oklahoma State University at Sayre, Oklahoma during the 2009-2010 academic year.

Follow this and additional works at: <https://dc.swosu.edu/und>



Part of the [Higher Education Commons](#), and the [Other Education Commons](#)

---

### Recommended Citation

Southwestern Oklahoma State University, "Sayre: Undergraduate Catalog 2009-2010" (2009). *Undergraduate Catalogs*. 22.  
<https://dc.swosu.edu/und/22>

This Book is brought to you for free and open access by the Catalogs at SWOSU Digital Commons. It has been accepted for inclusion in Undergraduate Catalogs by an authorized administrator of SWOSU Digital Commons. An ADA compliant document is available upon request. For more information, please contact [phillip.fitzsimmons@swosu.edu](mailto:phillip.fitzsimmons@swosu.edu).

# SWO<sup>TM</sup>SU

Southwestern Oklahoma State University

The focus is you.

SOUTHWESTERN OKLAHOMA STATE  
UNIVERSITY

SAYRE CAMPUS  
UNDERGRADUATE CATALOG

2009-2010

# Southwestern Oklahoma State University

at  
Sayre, Oklahoma



Visit our Web site at <http://www.swosu.edu/sayre>

2009-2010



## Table of Contents

|  |    |   |    |
|--|----|---|----|
| Curricula Changes.....                                 | 2  | Graduation.....   | 24 |
| Fee Statement.....                                     | 2  | Degrees Granted.....  | 25 |
| Affirmative Action Compliance Statement.....           | 2  | Articulation Policy.....  | 25 |
| Accreditation Statement.....                           | 2  | General Education Program.....  | 25 |
| Academic Calendar.....                                 | 3  | Associate in Science Degree General Studies.....  | 26 |
| Administration.....                                    | 6  | Associate in Science Degree General Business.....                                       | 26 |
| Administrative Officers of the University.....         | 7  | Associate in Science Degree with Emphasis on Pre-Nursing.....                           | 27 |
| Administrative and Professional Staff.....             | 7  | Associate in Science Degree Computer Science.....                                       | 27 |
| University Faculty.....                                | 8  | Associate in Science Degree Criminal Justice- Corrections.....                          | 28 |
| Mission Statement.....                                 | 9  | Associate in Science Degree Exceptional Learning Needs<br>Paraprofessionals.....        | 28 |
| Students With Disabilities.....                        | 10 | Associate in Science Degree Hospitality, Restaurant, and<br>Gaming Management.....      | 29 |
| The Oscar McMahan Library.....                         | 11 | Associate in Science Degree Wildland Firefighting.....                                  | 29 |
| Information Technology.....                            | 11 | Associate in Applied Science Degree Medical Laboratory<br>Technician.....               | 30 |
| Student Organizations.....                             | 12 | Associate in Applied Science Degree Radiologic Technology<br>(X-Ray).....               | 30 |
| Fees For All Enrolled Students.....                    | 14 | Associate in Applied Science Degree Occupational Therapy<br>Assistant.....              | 31 |
| Admissions.....  | 15 | Associate in Applied Science Degree Physical Therapist<br>Assistant.....                | 31 |
| Remedial Courses.....                                  | 15 | Associate in Applied Science Degree Criminal Justice –<br>Corrections.....              | 32 |
| Transfer Students.....                                 | 17 | Cheyenne and Arapaho Tribal College.....  | 33 |
| Special Admission for Non-degree Seeking Students..... | 18 | Associate in Science Degree General Studies Emphasis on<br>American Indian Studies..... | 34 |
| Student Financial Services.....                        | 19 | Associate in Science Degree Tribal Administration.....                                  | 34 |
| Scholarship Programs.....                              | 20 | Course Descriptions.....  | 35 |
| Veterans Affairs.....                                  | 20 |   |    |
| Enrollment Procedures.....                             | 21 |   |    |
| Retention of Students Pursuing Academic Programs.....  | 21 |   |    |
| Grades.....  | 22 |   |    |
| Academic Forgiveness Provisions.....                   | 22 |   |    |
| Repeated Course Policy.....                            | 23 |   |    |
| Academic Reprieve Policy.....                          | 23 |   |    |
| Grade Reports.....                                     | 24 |   |    |
| Honor Rolls.....                                       | 24 |   |    |

### Curricula Changes

*The University reserves the right to recommend changes in curricula, degree requirements, course offerings, and all academic regulations at any time when such changes are for the best interest of the students and the University. All changes must be approved by the Regional University System of Oklahoma Colleges and the Oklahoma State Regents for Higher Education. Certain program modifications reflected in this publication are pending approval.*

### Fee Statement

*Fees stated in this catalog are those in effect during the 2008-2009 school years. Current schedule of fees is available upon request.*

### Affirmative Action Compliance Statement

*Southwestern Oklahoma State University, in compliance with Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 503 of the Rehabilitation Act of 1973, Section 402 of the Readjustment Assistance Act of 1974, Americans With Disabilities Act of 1990 and other Federal laws and regulations, does not discriminate on the basis of race, color, national origin, gender, age, religion, disability, or status as a veteran in any of its policies, practices, or procedures. This includes but is not limited to admissions, employment, financial aid, and educational services.*

### Accreditation Statement

*Southwestern Oklahoma State University-Sayre and its academic programs are accredited by the following agencies:*

North Central Association of Colleges and Secondary Schools  
30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504 312-263-0456

Oklahoma State Board of Education  
2500 North Lincoln Boulevard, Oklahoma City, OK 73105-4599 405-521-3308

Accrediting Bureau of Health Education Schools  
7777 Leesburg Pike, Suite 314N, Falls Church, VA 22043 703-917-9503

Joint Review Committee for Education in Radiologic Technology (JRCERT) of the United States  
Department of Education  
20 North Wacker Drive, Suite 2850, Chicago, IL 60606-2901 312-704-5300

Commission on Accreditation in Physical Therapy Education, American Physical Therapy Association  
1111 North Fairfax Street, Alexandria, VA 22314

Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA)  
4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220 301-652-2682



## **SOUTHWESTERN OKLAHOMA STATE UNIVERSITY—Sayre Campus ACADEMIC CALENDAR 2009-2010**

### **\*FALL SEMESTER 2009**

|                 |                        |  |
|-----------------|------------------------|--|
| August 17       | Monday (8:30 a.m.)     | Faculty Workshop   |
| August 18       | Tuesday                | Enrollment for students who did not pre-enroll                     |
| August 19       | Wednesday (8:00 a.m.)  | Class work begins  |
| August 24       | Monday (as scheduled)  | Monday night classes meet  |
| August 25       | Tuesday (4:30 p.m.)    | Last day to add classes  |
| September 1     | Tuesday (4:30 p.m.)    | Last day to drop a class or totally withdraw for a refund          |
| September 7     | Monday                 | Labor Day Holiday  |
| October 14      | Wednesday (10:00 p.m.) | Fall break begins and 1 <sup>st</sup> 8 week classes end           |
| October 19      | Monday (8:00 a.m.)     | Class work resumes and 2 <sup>nd</sup> 8 week classes begin        |
| November 6      | Friday (4:30 p.m.)     | Last day to drop with guaranteed "W" & last day to add CAI courses |
| November 24     | Tuesday (10:00 p.m.)   | Thanksgiving vacation begins                                       |
| November 30     | Monday (8:00 a.m.)     | Class work resumes   |
| December 4      | Friday                 | Last day to drop with a WP/WF                                      |
| December 10, 11 | Thursday, Friday       | Final exams  |
| December 14-16  | Monday-Wednesday       | Final exams  |
| December 16     | Wednesday (10:00 p.m.) | Semester break begins  |
| December 17     | Thursday (12 noon)     | Final grades due   |
| December 18     | Friday                 | Semester ends  |

### **\*SPRING SEMESTER 2010**

|              |                       |  |
|--------------|-----------------------|--|
| January 5    | Tuesday               | Enrollment for students who did not pre-enroll                     |
| January 6    | Wednesday (8:00 a.m.) | Class work begins  |
| January 11   | Monday (as scheduled) | Monday night classes meet  |
| January 12   | Tuesday (4:30 p.m.)   | Last day to add classes  |
| January 18   | Monday                | Martin Luther King's Day   |
| January 20   | Wednesday (4:30 p.m.) | Last day to drop a class or totally withdraw for a refund          |
| March 3      | Wednesday             | 1 <sup>st</sup> 8 week classes end                                 |
| March 4      | Thursday              | 2 <sup>nd</sup> 8 week classes begin                               |
| March 12     | Friday (5:00 p.m.)    | Spring break begins  |
| March 22     | Monday (8:00 a.m.)    | Class work resumes   |
| April 2      | Friday (4:30 p.m.)    | Last day to drop with guaranteed "W" & last day to add CAI courses |
| April 23     | Friday                | Last day to drop with a WP/WF                                      |
| April 29, 30 | Thurs., Fri.,         | Final exams  |
| May 3 - 5    | Monday-Wednesday      | Final exams  |
| May 6        | Thursday (12:00 noon) | Final grades due   |
| May 7        | Friday (7:00 p.m.)    | Convocation  |
| May 8        | Saturday              | Semester ends  |

### **\*SUMMER SEMESTER 2010**

|             |                       |  |
|-------------|-----------------------|--|
| June 1      | Tuesday               | Enrollment for students who did not pre-enroll                     |
| June 2      | Wednesday (8:00 a.m.) | Class work begins  |
| June 3      | Thursday (4:30 p.m.)  | Last day to add classes  |
| June 9      | Wednesday (4:30 p.m.) | Last day to drop a class or totally withdraw for a refund          |
| June 29     | Tuesday               | Final exams for the 1 <sup>st</sup> 4 week classes                 |
| July 5      | Monday                | Independence Day Holiday   |
| July 9      | Friday (4:30 p.m.)    | Last day to drop with guaranteed "W" & last day to add CAI courses |
| July 23     | Friday                | Last day to drop with a WP/WF                                      |
| July 27, 28 | Tuesday, Wednesday    | Final exams and final exams for the 2 <sup>nd</sup> 4 week classes |
| July 29     | Thursday (12:00 noon) | Final grades due   |
| July 29     | Thursday              | Semester ends  |

\*See early enrollment dates listed in class schedules.

## **SOUTHWESTERN OKLAHOMA STATE UNIVERSITY—Sayre Campus ACADEMIC CALENDAR 2010-2011**

### **\*FALL SEMESTER 2010**

|                |                        |  |
|----------------|------------------------|--|
| August 16      | Monday (8:30 a.m.)     | Faculty Workshop   |
| August 17      | Tuesday                | Enrollment for students who did not pre-enroll                     |
| August 18      | Wednesday (8:00 a.m.)  | Class work begins  |
| August 23      | Monday (as scheduled)  | Monday night classes meet  |
| August 24      | Tuesday (4:30 p.m.)    | Last day to add classes  |
| August 31      | Tuesday (4:30 p.m.)    | Last day to drop a class or totally withdraw for a refund          |
| September 6    | Monday                 | Labor Day Holiday  |
| October 13     | Wednesday              | 1 <sup>st</sup> 8 week classes end                                 |
| October 14     | Thursday               | 2 <sup>nd</sup> 8 week classes begin                               |
| October 20     | Wednesday (10:00 p.m.) | Fall break begins  |
| October 25     | Monday (8:00 a.m.)     | Class work resumes   |
| November 5     | Friday (4:30 p.m.)     | Last day to drop with guaranteed "W" & last day to add CAI courses |
| November 23    | Tuesday (10:00 p.m.)   | Thanksgiving vacation begins                                       |
| November 29    | Monday (8:00 a.m.)     | Class work resumes   |
| December 3     | Friday                 | Last day to drop with a WP/WF                                      |
| December 9, 10 | Thursday, Friday       | Final exams  |
| December 13-15 | Monday-Wednesday       | Final exams  |
| December 15    | Wednesday (10:00 p.m.) | Semester break begins  |
| December 16    | Thursday (12 noon)     | Final grades due   |
| December 17    | Friday                 | Semester ends  |

### **\*SPRING SEMESTER 2011**

|              |                       |  |
|--------------|-----------------------|--|
| January 4    | Tuesday               | Enrollment for students who did not pre-enroll                     |
| January 5    | Wednesday (8:00 a.m.) | Class work begins  |
| January 10   | Monday (as scheduled) | Monday night classes meet  |
| January 11   | Tuesday (4:30 p.m.)   | Last day to add classes  |
| January 17   | Monday                | Martin Luther King's Day   |
| January 19   | Wednesday (4:30 p.m.) | Last day to drop a class or totally withdraw for a refund          |
| March 2      | Wednesday             | 1 <sup>st</sup> 8 week classes end                                 |
| March 3      | Thursday              | 2 <sup>nd</sup> 8 week classes begin                               |
| March 11     | Friday (5:00 p.m.)    | Spring break begins  |
| March 21     | Monday (8:00 a.m.)    | Class work resumes   |
| April 1      | Friday (4:30 p.m.)    | Last day to drop with guaranteed "W" & last day to add CAI courses |
| April 22     | Friday                | Last day to drop with a WP/WF                                      |
| April 28, 29 | Thurs., Fri.,         | Final exams  |
| May 2 - 4    | Monday-Wednesday      | Final exams  |
| May 5        | Thursday (12:00 noon) | Final grades due   |
| May 6        | Friday (7:00 p.m.)    | Convocation  |
| May 7        | Saturday              | Semester ends  |

### **\*SUMMER SEMESTER 2011**

|             |                       |   |
|-------------|-----------------------|---|
| May 31      | Tuesday               | Enrollment for students who did not pre-enroll  |
| June 1      | Wednesday (8:00 a.m.) | Class work begins   |
| June 2      | Thursday (4:30 p.m.)  | Last day to add classes   |
| June 7      | Tuesday (4:30 p.m.)   | Last day to drop a class or totally withdraw for a refund                             |
| June 28     | Tuesday               | Final exams for 1 <sup>st</sup> 4 week classes & 2 <sup>nd</sup> 4 week classes begin |
| July 4      | Monday                | Independence Day Holiday  |
| July 8      | Friday (4:30 p.m.)    | Last day to drop with guaranteed "W" & last day to add CAI courses                    |
| July 22     | Friday                | Last day to drop with a WP/WF   |
| July 26, 27 | Tuesday, Wednesday    | Final exams and final exams for the 2nd 4 week classes                                |
| July 28     | Thursday (12:00 noon) | Final grades due  |
| July 28     | Thursday              | Semester ends   |

\*See early enrollment dates listed in class schedules.

## **SOUTHWESTERN OKLAHOMA STATE UNIVERSITY—Sayre Campus**

### **ACADEMIC CALENDAR 2011-2012**

#### **\*FALL SEMESTER 2011**

|                |                        |  |
|----------------|------------------------|--|
| August 15      | Monday (8:30 a.m.)     | Faculty Workshop   |
| August 16      | Tuesday                | Enrollment for students who did not pre-enroll                     |
| August 17      | Wednesday (8:00 a.m.)  | Class work begins  |
| August 22      | Monday (as scheduled)  | Monday night classes meet  |
| August 23      | Tuesday (4:30 p.m.)    | Last day to add classes  |
| August 30      | Tuesday (4:30 p.m.)    | Last day to drop a class or totally withdraw for a refund          |
| September 5    | Monday                 | Labor Day Holiday  |
| October 12     | Wednesday              | 1 <sup>st</sup> 8 week classes end                                 |
| October 13     | Thursday               | 2 <sup>nd</sup> 8 week classes begin                               |
| October 19     | Wednesday (10:00 p.m.) | Fall break begins  |
| October 24     | Monday (8:00 a.m.)     | Class work resumes   |
| November 4     | Friday (4:30 p.m.)     | Last day to drop with guaranteed "W" & last day to add CAI courses |
| November 22    | Tuesday (10:00 p.m.)   | Thanksgiving vacation begins                                       |
| November 28    | Monday (8:00 a.m.)     | Class work resumes   |
| December 2     | Friday                 | Last day to drop with a WP/WF                                      |
| December 8, 9  | Thursday, Friday       | Final exams  |
| December 12-14 | Monday-Wednesday       | Final exams  |
| December 14    | Wednesday (10:00 p.m.) | Semester break begins  |
| December 15    | Thursday (12 noon)     | Final grades due   |
| December 16    | Friday                 | Semester ends  |

#### **\*SPRING SEMESTER 2012**

|            |                       |  |
|------------|-----------------------|--|
| January 10 | Tuesday               | Enrollment for students who did not pre-enroll                     |
| January 11 | Wednesday (8:00 a.m.) | Class work begins  |
| January 16 | Monday                | Martin Luther King's Day   |
| January 18 | Wednesday (4:30 p.m.) | Last day to add classes  |
| January 23 | Monday (as scheduled) | Monday night classes meet  |
| January 25 | Wednesday (4:30 p.m.) | Last day to drop a class or totally withdraw for a refund          |
| March 7    | Wednesday             | 1 <sup>st</sup> 8 week classes end                                 |
| March 8    | Thursday              | 2 <sup>nd</sup> 8 week classes begin                               |
| March 16   | Friday (5:00 p.m.)    | Spring break begins  |
| March 26   | Monday (8:00 a.m.)    | Class work resumes   |
| April 6    | Friday (4:30 p.m.)    | Last day to drop with guaranteed "W" & last day to add CAI courses |
| April 27   | Friday                | Last day to drop with a WP/WF                                      |
| May 3, 4   | Thurs., Fri.,         | Final exams  |
| May 7-9    | Monday-Wednesday      | Final exams  |
| May 10     | Thursday (12:00 noon) | Final grades due   |
| May 11     | Friday (7:00 p.m.)    | Convocation  |
| May 12     | Saturday              | Semester ends  |

#### **\*SUMMER SEMESTER 2012**

|            |                        |   |
|------------|------------------------|---|
| June 4     | Monday                 | Enrollment for students who did not pre-enroll  |
| June 5     | Tuesday (8:00 a.m.)    | Class work begins   |
| June 6     | Wednesday (4:30 p.m.)  | Last day to add classes   |
| June 11    | Monday (4:30 p.m.)     | Last day to drop a class or totally withdraw for a refund                             |
| July 2     | Monday                 | Final exams for 1 <sup>st</sup> 4 week classes & 2 <sup>nd</sup> 4 week classes begin |
| July 4     | Wednesday              | Independence Day Holiday  |
| July 13    | Friday (4:30 p.m.)     | Last day to drop with guaranteed "W" & last day to add CAI courses                    |
| July 27    | Friday                 | Last day to drop with a WP/WF   |
| July 30,31 | Monday, Tuesday        | Final exams and final exams for the 2nd 4 week classes                                |
| August 1   | Wednesday (12:00 noon) | Final grades due  |
| August 1   | Wednesday              | Semester ends   |

\*See early enrollment dates listed in class schedules.



## State Officials and Governing Boards

### GOVERNOR

The Honorable Brad Henry .....Oklahoma City

### Oklahoma State Regents for Higher Education

Dr. Glen D. Johnson, Chancellor .....Oklahoma City  
William Stuart Price, Chairman ..... Tulsa  
Joseph L. Parker, Jr., Vice Chairperson ..... Tulsa  
Julie Carson, Secretary ..... Claremore  
Marlin "Ike" Glass, Jr., Assistant Secretary ..... Newkirk  
Bill W. Burgess, Jr ..... Lawton  
Jimmy D. Harrel ..... Elk City  
John Massey ..... Durant  
Michael C. Turpen .....Oklahoma City  
Ronald H. White .....Oklahoma City

### REGIONAL UNIVERSITY SYSTEM OF OKLAHOMA

Sheridan McCaffree, Executive Director .....Oklahoma City  
Janice Gordon, Chair ..... Broken Arrow  
Connie Reilly, Vice Chair ..... Okemah  
Mike Mitchel, Secretary ..... Alva  
Sandy Garrett .....Oklahoma City  
Joe Anna Hibler ..... Weatherford  
Belva P. Howard ..... Tulsa  
Harold Jackson ..... Chickasha  
Terry Matlock ..... Garvin  
Mark Stansberry ..... Edmond

### STATE SUPERINTENDENT OF PUBLIC INSTRUCTION

Sandy Garrett, State Superintendent .....Oklahoma City  
Andy Young, Deputy State Superintendent .....Oklahoma City  
Lealon Taylor, Chief of Staff .....Oklahoma City  
Tom White, Assistant State Superintendent  
for Federal Fiscal Services .....Oklahoma City  
Ramona Paul, Assistant State Superintendent  
for Professional Services .....Oklahoma City  
Misty Kimbrough, Assistant State Superintendent  
for Special Education Services .....Oklahoma City  
Sharon A. Lease, Assistant State Superintendent  
for Accreditation/Standards .....Oklahoma City

### STATE SUPERINTENDENT OF PUBLIC INSTRUCTION

(continued)

James White, Assistant State Superintendent for  
Financial Services ..... Oklahoma City  
Cindy Koss, Assistant Superintendent of the Office  
of Standards and Curriculum ..... Oklahoma City  
Lisa Pryor,  
Assistant Superintendent of the Office of Innovation,  
Support, and Alternative Education ..... Oklahoma City  
Jennifer Stegman, Assistant Superintendent of the  
Office of Accountability and Assessments ..... Oklahoma City

### STATE BOARD OF EDUCATION

Sandy Garrett, Chairperson ..... Oklahoma City  
Sue Arnn ..... Ardmore  
Deborah C. Blue ..... Shawnee  
Tom Gilpin ..... Tulsa  
Betsey Mabry ..... Enid  
Gayle Miles-Scott ..... Oklahoma City

### STATE BOARD OF PHARMACY

John A. Foust, D.Ph., Executive Director ..... Oklahoma City  
Dorothy Gourley, D.Ph ..... Ardmore  
Diana Hampton ..... Edmond  
John Lassiter, D.Ph ..... Del City  
William "Bill" Osborn, D.Ph ..... Miami  
Gordon Richards, D.Ph ..... Shawnee  
James O. Spoon, D.Ph ..... Sand Springs

### OKLAHOMA BOARD OF NURSING

Francene Weatherby, R.N., Ph.D., CNE ..... President  
Elizabeth Schultz, R.N., CRNA ..... Vice President  
Linda Coyer, L.P.N. .... Secretary-Treasurer  
June Cash ..... Member  
Linda Martin, L.P.N. .... Member  
Liz Michael, R.N ..... Member  
Mary Jac Rauh ..... Member  
Nettie Seale, R.N., M.Ed ..... Member  
Jean Winter, L.P.N. .... Member

### STATE UNIVERSITIES

Governed by the Regional University System of Oklahoma

East Central University, Ada ..... Dr. John Hargrave, President  
Northeastern State University, Tahlequah ..... Dr. Don Betz, President  
Northwestern Oklahoma State University, Alva ..... Dr. Janet Cunningham, President  
Southeastern Oklahoma State University, Durant ..... Dr. Larry Minks, Interim President  
Southwestern Oklahoma State University, Weatherford ..... Dr. John M. Hays, President  
University of Central Oklahoma, Edmond ..... Dr. Roger Webb, President

## EXECUTIVE, ADMINISTRATIVE AND ACADEMIC OFFICERS

### EXECUTIVE OFFICERS

|                                |   |
|--------------------------------|---|
| JOHN M. HAYS (1972).....       | President<br>B.S., Southwestern Oklahoma State University<br>M.Ed., Southwestern Oklahoma State University<br>Ed.D., University of Oklahoma   |
| BLAKE SONOBE (1990).....       | Senior Vice President and Provost<br>B.S., United States Air Force Academy<br>M.S., Texas A&M University<br>Ph.D., University of California, Davis  |
| TOM FAGAN, C.P.A.(1989).....   | Vice President for Administration and Finance<br>B.S., M.B.A., Southwestern Oklahoma State University<br>B.S., Panhandle State University   |
| CYNTHIA FOUST, R.N.(1979)..... | Vice President for Student Affairs and Associate Provost<br>B.S.N., University of Central Oklahoma<br>M.S., University of Oklahoma<br>Ph.D., Texas Women's University   |
| JIM R. JAMES (2002) .....      | Dean of Associate and Applied Programs and Sayre Campus<br>A.S., Northern Oklahoma College<br>B.A., Southwestern Oklahoma State University<br>M.Ed., University of Central Oklahoma<br>Ed.S., Fort Hays State University<br>Ed.D., Nova Southeastern University |

### Administrative and Professional Staff

|                              |   |
|------------------------------|---|
| EARL BALES (2001) .....      | Network Administrator/Computer Science Instructor<br>B.S., M.Ed., Southwestern Oklahoma State University  |
| TERRY BILLEY (1995) .....    | Administrative Assistant<br>A.S., Sayre Junior College  |
| SHIRLEY BOUND (2003) .....   | Interactive Video Room Coordinator  |
| LOUIS BRITTAIN (2008).....   | Maintenance   |
| SUSIE CAMPBELL (1997).....   | Business Office Administrative Assistant<br>A.S., B.A., M.Ed., Southwestern Oklahoma State University   |
| APRIL HOWENSTINE (2008)..... | Librarian<br>B.A., Southwestern Oklahoma State University   |
| MARITA KENNEMER (2005).....  | Bulldog Cafe Manager  |
| RON KISTLER (2006) .....     | Director of Student Financial Services with Recruitment Duties<br>B.S., Southwestern Oklahoma State University<br>M.Ed., University of Central Oklahoma |
| SHERRON MANNING (2004) ..... | Director of Counseling and Assessment<br>A.S., B.S., M.Ed., Southwestern Oklahoma State University  |
| PAULA MCKENNON (2008).....   | Registrar Administrative Assistant  |
| DIANNA MOSBURG (1981).....   | Assistant Librarian<br>A.S., Southwestern Oklahoma State University   |
| NANCY SANDERS (2008).....    | Financial Service Administrative Assistant  |
| KIM SEYMOUR (1988).....      | Registrar<br>B.B.A., Texas Tech University  |
| ALAN SHOCKEY (1992) .....    | Safety/Security/Maintenance<br>C.L.E.E.T. Certified   |
| JIM VANBUREN (2008).....     | Maintenance   |
| LINDA WOODRUFF (1981).....   | Business Officer<br>A.S., Sayre Junior College<br>B.S., Southwestern Oklahoma State University  |

## University Faculty

LANDRY BREWER (1999)..... Fine Arts/Humanities  
A.S., B.S., M.Ed., Southwestern Oklahoma State University

KATHY BROOKS (1977).....Medical Tech/Allied Health  
M.M.T. (ASCP), M.T. (AMT); B.S., Central State University  
M.Ed., Southwestern Oklahoma State University

DEBORAH CARPENTER (2005)..... Computer Science  
B.S., Southwestern Oklahoma State University

E. ROXANN CLIFTON (1988)..... Medical Technology  
Program Director  
A.S., Sayre Junior College  
M.T. (AMT); B.S., M.Ed., Southwestern Oklahoma State University

DAYNA COKER (1999)..... Math/Computer Science  
A.S., Sayre Junior College  
B.S., M.Ed., Southwestern Oklahoma State University

TOMMYE DAVIS (1990).....Science  
B.S., M.Ed., Southwestern Oklahoma State University

TERRY FORD (2004).....Language Arts  
B.A., University of Oklahoma  
M.Ed. Southwestern Oklahoma State University

SCOTT FRONEBERGER (1989)..... Psychology/Social Science  
B.A., M.Ed., Southwestern Oklahoma State University

JUDY HAUGHT (1988)..... Language Arts/Library Science  
B.A., M.Ed., Southwestern Oklahoma State University

HOLLY HERNANDEZ (2007).....Business/Computer Science  
B.B.A., Southwestern Oklahoma State University

JESS PARKER (1999).....Radiologic Technology  
A.A.S., M.Ed., Southwestern Oklahoma State University  
B.S., Oklahoma State University

CHRIS STUFFLEBEAN (1998)..... Radiologic Tech/Business  
Program Director  
A.A.S., B.S., M.B.A., Southwestern Oklahoma State University

BILL SWARTWOOD (1998)..... Math/Science  
A.S., Sayre Junior College  
B.S., M.Ed., Southwestern Oklahoma State University

## University Adjunct Faculty

DAVID BROOKS ..... Social Science  
B.A., Southwestern Oklahoma State University  
J.D., The University of Tulsa

SUSIE CAMPBELL ..... Social Science/Humanities  
A.S., B.A., M.Ed., Southwestern Oklahoma State University

CAROLYN CONNELL ..... Kinesiology  
A.R.R.T. (R ) (CV)  
B.S.R.T., University of Oklahoma Health Science Center  
M.Ed., Southwestern Oklahoma State University

RONALD DUFFIELD ..... Social Science  
B.A., M.Ed., Southwestern Oklahoma State University

BRETT GREEN ..... Physical Therapy  
A.A.S., Southwestern Oklahoma State University  
B.S., University of Science and Arts of Oklahoma

LAMAE GREEN..... Physical Therapy  
B.S., Langston University  
M.Ed., University of Central Oklahoma

BRENT GRIMES ..... Physical Therapy  
A.A.S., Southwestern Oklahoma State University  
B.S., University of Science and Arts of Oklahoma

CHRISTY GATES ..... Occupational Therapy  
A.A.S., Southwestern Oklahoma State University  
B.S. Southwestern Oklahoma State University

BRIAN HENDERSON ..... Social Science  
B.S., Southwestern Oklahoma State University  
J.D., Oklahoma City University School of Law

DEBORAH HUBANKS .....Sign Language  
B.S. Central State University  
M.Ed., University of Oklahoma

SHERRI ROBERTSON ..... Occupational Therapy  
B.S., Texas Woman's University

NELDA TUCKER..... Science  
B.S., M.Ed., Southwestern Oklahoma State University

ALLISON WILLIS ..... Occupational Therapy  
A.A.S., Southwestern Oklahoma State University



## MISSION AND PURPOSES

Southwestern Oklahoma State University is one of twenty-five institutions in the Oklahoma State System of Higher Education (Oklahoma Constitution, Article XIII-A, Section 1). The Oklahoma State Regents for Higher Education is the legal structure for public education at the collegiate level and is the coordinating board of all state institutions for higher education. Southwestern is one of six state supported regional universities governed by the Regional University System of Oklahoma. Southwestern Oklahoma State University provides access to higher education for all individuals without discrimination on the basis of race, national origin, gender, or disability status.

The mission of Southwestern Oklahoma State University is to provide educational opportunities in higher education that meet the needs of the state and region; contribute to the educational, economic, and cultural environment; and support scholarly activity. Major areas of study on the Weatherford campus, associate degree programs on the Sayre campus, the general education curriculum, and participation in student activities/organizations provide opportunities for students to obtain skills, knowledge, and cultural appreciation that lead to productive lives and effective citizenship.

The mission is manifest and the purposes of the University are accomplished through the following:

Ensuring quality education, the University recruits qualified faculty without regard to national origin, race, gender, disability, age or religion. Faculty growth opportunities are provided through an organized faculty development program. Excellence in teaching, scholarship, and service are encouraged and recognized. An organizational and intellectual environment is provided that insures freedom of individual expression and inquiry, provides representative governance for all members of the University community, and promotes student/faculty interaction. An assessment program provides the basis for continuous evaluation and program improvement.

Meeting its commitment to student development, the University recruits qualified students without regard to national origin, race, gender, disability, age, or religion and provides a community that encourages participation in intellectual and physical activities and leadership development. A curriculum is provided that develops communication and analytical skills; a comprehension of the arts, humanities, and cultural diversity; and knowledge of the scientific/technological world and of our historical heritage. Student orientation, advisement, enrichment, and participation in organizations and activities contribute to student growth and development.

Fulfilling its role as a cultural and educational resource for western Oklahoma, the University provides distance learning opportunities, continuing education associated with career enhancement, personal development, and cultural growth. Performances, exhibitions, and research that enhance knowledge and enrich society are supported and services to communities are provided through academic departments and other University agencies.

Southwestern Oklahoma State University at Sayre enables the University to focus its mission on that campus to provide lower

division programs and educational opportunities in higher education that meet the needs of the Sayre campus student body.

The following institutional functions have been approved by the Oklahoma State Regents for Higher Education, and are considered essential components of the mission on the Sayre campus:

- ☐ To provide a lower division program of higher education for traditional and nontraditional students in Western Oklahoma and the Texas Panhandle.
- ☐ To provide a general education that enables students to become informed, responsible citizens.
- ☐ To provide programs of education in the liberal arts and sciences leading to the Associate in Science degree through campus-based and distance learning.
- ☐ To provide career and technical programs to enable students to seek employment in various job fields, with completion of such programs culminating in the awarding of the Associate in Applied Science degree or an appropriate certificate.
- ☐ To provide transfer programs which include liberal arts, sciences, and pre-professional subjects, thus enabling students to pursue completion of baccalaureate or professional degrees at four-year colleges and universities.
- ☐ To provide courses, services, and programs in remedial education for individuals who require such assistance in order to function effectively at the collegiate level.
- ☐ To provide guidance services and a program of students activities for the promotion of personal development and effective citizenship.

The University's academic organization includes Colleges of Arts and Sciences, Pharmacy, Professional and Graduate Studies, and the College of Associate and Applied Programs—Sayre campus. Each of these entities and their subdivisions establish specific objectives that contribute to the achievement of University objectives.

## Campus Location

Southwestern Oklahoma State University at Sayre is approximately 125 miles west of Oklahoma City and 60 miles west of the SWOSU main campus in Weatherford. Located along historic Highway 66, Sayre has about 3,500 residents according to the U.S. census and is the county seat of Beckham County. The community has a municipal park with a public swimming pool, tennis courts, playgrounds, picnic areas, overnight camping facilities, an exercise track, and a nine-hole golf course; a hospital;

an airport; the Shortgrass Museum; churches of various denominations; a Chamber of Commerce, Kiwanis, Lions, Rotary, and other civic clubs. Nearby are museums, historic sites, and the recreational facilities of the Sandy Sanders Wildlife Management Area, Quartz Mountain State Park, Black Kettle National Grassland Park, and Foss Reservoir State Park.

## Historical Background

Southwestern Oklahoma State University at Sayre was founded as Sayre Junior College in 1938 under legislative authorization which permitted public high schools to add a 13th and 14th year of study to their curricula. In 1940, the college name was changed to Oklahoma Western Junior College; however, the original name was soon adopted again, and in May 1940 the first degrees were conferred.

America's entry into World War II decimated the ranks of both faculty and students. Consequently, the college closed during the war years, but reopened in 1946. In 1956, Sayre Junior College moved from facilities occupied jointly with Sayre High School into separate facilities, a gymnasium and a classroom building, in the northeast corner of Sayre. In 1960, two additional classroom buildings were added, and in 1968 the Mackey Hall dormitory was opened. Changes in the physical plant have continued with expansion of the main classroom building; the addition of new classrooms, conference room, and student services facilities; and the conversion of Mackey Hall to classroom space and library facilities.

In July 1987, by act of the Oklahoma legislature, Sayre Junior College was merged with Southwestern Oklahoma State University. The campus serves western Oklahoma and the Texas panhandle within a 60 mile radius of Sayre. It offers open admission to high school graduates as well as to students who do not hold a high school diploma. Fully accredited, SWOSU at Sayre offers Associate of Science and Associate of Applied Science degrees in both general and specialized areas of study.

## Campus Description

The Southwestern Oklahoma State University at Sayre campus is located in the northeast section of Sayre, Oklahoma. Campus facilities include:

**ALEXANDER BUILDING:** This building was completed in 1956 and named after former president of Sayre Junior College, Arch Alexander. It contains classrooms, laboratory facilities for biological and physical sciences, and faculty offices. The building also houses the administrative offices of the Dean, Financial Aid, Business Office, Registrar and Admissions, the Counselor, and Information Technology.

**CONNER BUILDING:** The Conner Building was built in 1965 and named after former Sayre Junior College President, Paul Conner. The building was completely remodeled in 1991. It now houses the Medical Technology lecture rooms, laboratory, faculty offices and a large seminar room.

**STUDENT CENTER:** The building, completed in 1994, is located south of Patterson Field House and contains a student lounge, Bulldog Cafe, and the Follett bookstore.

**MACKEY HALL:** Mackey Hall, built in 1968, is a combination of classrooms equipped for business and computer science courses and large lecture rooms. Additionally, conference and activity rooms, laboratories, special skills services, and offices for faculty and the Radiology Program are located in this building. The Oscar H. McMahan Library is located in the northwest wing of Mackey Hall.

**PATTERSON FIELD HOUSE:** This building was completed in 1957 and was named for former Sayre Junior College President, Harry Patterson. The building houses athletic offices, physical education facilities, a 350-seat gymnasium, and a fitness center.

**CAPPS BUILDING:** The former student center, this building houses a computer science classroom. The building has been named for Senator Gilmer Capps for his outstanding services to education.

**FITNESS CENTER AND WALKING TRACK:** Located in the Patterson Field House, the SWOSU at Sayre Fitness Center is equipped with a variety of equipment to cover a broad range of workouts. A walking/jogging track and small park that includes a sand-based volleyball court are located behind the Conner and Alexander Building.

### In-Service Education

The University offers four types of in-service education.

- ☐ Conferences, short courses, and workshops
- ☐ Evening campus classes
- ☐ Adult education classes
- ☐ Continuing education programs for registered Medical Laboratory Technicians and Radiologic Technologists

## Educational Information Center

The basic purpose of the Educational Information Center is to make information about post-secondary educational and occupational programs readily available to citizens. The EIC office, located in the Counselor's Office, is a significant source of support for traditional students, as well as for the large number of adults seeking upgrading of skills, retraining for new jobs, education for entry or re-entry into the job market, and enjoyment of retirement leisure time. Computerized programs such as *Discover* are available to provide college and career guidance. The EIC offers access to academic advisement, career information and guidance, and related educational services.

## Students With Disabilities

The Americans with Disabilities Act (ADA) requires the provision of "reasonable accommodations" to those qualified individuals with disabilities by providing equal, non-discriminatory program access in the academic setting.

Students need to present the verifying documentation to the Office of Counseling and Assessment, where it will be kept confidential and private. In most cases, verifying documents can be obtained

from doctors, licensed psychologists or other professionals licensed to determine the existence, severity and characteristics of the disability or disabilities. This documentation should include the functional impact of the disability. It is the student's responsibility to request documentation from such professionals, and to request a record of accommodations received at any other educational institution. If accommodations are needed, the student should provide the information and documentation in a reasonably early manner to allow time for the development and arrangement of appropriate accommodations. In some cases, as when books on tape need to be requested, documentation should be provided several weeks prior to the beginning of each semester so accommodation arrangements can be made in a timely manner.

### **The Oscar H. McMahan Library**

Named for former superintendent of Sayre schools and founder of Sayre Junior College, Oscar H. McMahan, the library is located in Mackey Hall room 118 and is easily accessible to all patrons. The library's goal is to provide materials and services that will support course instruction and stimulate individual reading and research. An on-line library catalog and current research information via the Internet are made possible by fiber optics. A variety of databases are available through the library homepage. The library subscribes to SIRS, an on-line database, and shares many on-line databases with the Weatherford campus library. The library homepage also shows current business hours and holiday schedules. Students can take advantage of the inter-library loan services to borrow or return books. Periodicals on paper and microfiche also enhance the library's collection. Staff personnel keep the library collection current and shelf ready.

### **Step Ahead Program**

The Step Ahead program provides area high school students with the opportunity to earn college credit while still in high school. Students may enroll in summer, fall, or spring semesters if they meet criteria approved by the State Regents for Higher Education and their high schools. For more information see the section on Concurrent Enrollment in this catalog.

### **Advanced Standing Exams**

The Office of Counseling and Assessment serves as a clearing house for students wishing to take advanced standing examinations. The advanced standing plan at Southwestern Oklahoma State University was established to give students an opportunity to begin college work on the level commensurate with their demonstrated achievement. With certain limitations, all such achievement, once certified to be at the college level by this institution, receives appropriate academic credit. For more information, see the section on Placement by Advanced Standing in this catalog.

### **Freshman Orientation**

Freshman Orientation is required for first-time freshmen to assist in their adjustment to the university. This course will be taken the first fall semester of enrollment and will cover basic skills assessment and an introduction to degree programs and other information relevant to university orientation and success. The one-credit-hour course meets for the first eight weeks of the semester and covers topics of interest to the university student such

as campus orientation, time management, study techniques, library skills, note-and-test-taking skills and career guidance.

### **Academic Assessment and Advisement**

One of the goals at SWOSU at Sayre is to provide the best opportunities for success. Academic success is closely related to how well students read, write, and perform mathematical computations. Therefore, when students come on campus to enroll, they are asked to provide counselors with ACT scores proving their competency in these areas and/or undergo on-site testing in the basic skills of reading, writing, and mathematics. Scores from these tests are used to determine course placement to match level of instruction with the students' academic skills.

The Oklahoma State Regents for Higher Education have established that an ACT score of nineteen (19) or better is an indicator for student readiness for college-level coursework. Scores below nineteen (19) on the ACT exam indicate a deficiency and require the student to undergo remediation. Developmental courses are offered and required for students who are deficient in the areas of study of mathematics, English and reading. For exemption from developmental coursework, first time entering freshmen must score either 19 or above on the ACT subtests in the areas of mathematics, English and reading or pass an appropriate assessment exam.

The counselor or faculty advisor assigned to the student at enrollment counsels and guides the student in planning academic work. The University counselor or faculty advisors assist students in selecting courses to meet academic program requirements and in following proper procedures for schedule adjustments. Students are encouraged to work closely with faculty advisors or the counselor throughout their academic careers at SWOSU at Sayre. Well informed academic decisions will help students successfully reach their goals. The students are reminded that although instructional faculty advisors, the counselor, and others are available to assist in planning, the students have the ultimate responsibility for planning their programs of study and for fulfilling all requirements and regulations of the college.

The Oklahoma State Regents for Higher Education require all colleges to administer additional "outcomes" assessment. Our mid-level assessment is accomplished within the general education courses. Faculty use curriculum-embedded methods such as exams, papers, projects, etc., for improvement of instruction. Students' performances on the National Registry exams also provide data for outcomes assessment. Assessment directly benefits the students because it provides a means of actively involving the students in their learning process.

### **Information Technology**

Access to and knowledge of electronic resources are increasingly important for college students. State-of-the-art electronic technology provides students on the Sayre Campus a variety of classroom settings and learning tools as well as access to learning resources around the world, through the university's web-based course software, and faculty online course support pages.

A local area network makes library resources accessible from across the campus. It also makes applications software and general information available from any computer on campus. In addition, students may access the main campus library in Weatherford, on-line databases, and electronic search resources on campuses worldwide.



The Sayre Campus is one of many statewide hubsites for OneNet, the telecommunications and information network for Oklahoma, which links public schools, vocational-technical schools, colleges and universities, libraries, courts, and local, county, state, tribal and federal government agencies across the state. OneNet provides video teleconferencing and long-distance learning as well as access to public records, government agencies, and the Internet. OneNet is a partnership between the State and private telecommunications companies.

Using the latest fully interactive equipment, the Interactive Video Laboratories allow students on either the Sayre or Weatherford campus to enroll in selected classes generated on the other. This technology has increased course offerings on both campuses and allows students in Sayre to enroll in certain upper division classes not offered locally. It also provides general education course offerings to students in cooperative programs at selected vocational-technical schools. Additionally, students in rural high schools can participate in college courses without leaving their own campuses.

All students attending SWOSU-Sayre have access to a computer lab staffed each week day. Students have access to the latest technologies including LAN, Digital Imaging, Desktop Publishing, advanced programming and the Internet. In addition, students may use application software to prepare classroom assignments. Students are assigned email accounts with an SWOSU address once they apply for admission.

## University Publications

*The Faculty Handbook* is compiled in the office of the Provost--Weatherford.

The Office of Student Services--Weatherford is responsible for compiling and editing the *Student Handbook* for the Weatherford campus.

The Office of Counseling and Assessment--Weatherford is responsible for compiling and editing the *Student Handbook* for the both campuses.

The *University Catalog* for the Sayre Campus is compiled by a committee appointed by the Dean of the Sayre Campus.

*Westview: a Journal of Western Oklahoma* is the official literary journal of the University, and is published by the Language Arts Department in the School of Arts and Sciences on the Weatherford campus.

*The Staff Handbook* is published by the Human Resources office.

*The WatchDawg* is the official newsletter of the Sayre campus, and is written, edited, and published by students enrolled in Student Publications I and II under the direction of the Language Arts Department.

## University Sponsored Websites

In addition to faculty and administrative web sites, the University houses the web sites of the Oklahoma/Arkansas Region of *Phi Theta Kappa* and *Westview*, the university literary journal.

## Student Organizations

All students are encouraged to become active in one or more campus organizations. In doing so, each student is able to associate with people who share common interests. Student organizations include the following:

### Student Government Association (SGA)

The purpose of SGA is to bring about a closer relationship between the students and faculty and to promote student activities. Activities sponsored by SGA in the past include cookouts, entertainment assemblies, dances, playdays, campus improvement projects, parade participation to advertise the campus at Sayre, dress-up days, and other activities thought to be beneficial to those on campus. The SGA consists of a President, Vice President, Secretary, and representatives from each class. The offices of President, Vice President, and Secretary are filled by a vote of the student body in April. Class Representatives are elected by a vote of the student body each September. SGA officers must have completed 24 hours and maintain a 3.0 grade point average. Class representatives must also maintain a 3.0 grade point average.

### Radiologic Technology Club

The Radiologic Technology Club promotes the advancement of careers in the field of Radiologic Technology; active participation in professional organizations; attendance at scheduled professional meetings, both regionally and statewide; and the sponsorship and support of educational seminars. The Radiologic Technology Club consists of all active members of the Radiologic Technology Program, in addition to two program faculty members acting in the capacity of sponsors. The Radiologic Technology Club is a non-profit, professionally-affiliated organization. Membership dues are \$15.00 annually per member. Officers include: the President, a sophomore student, elected annually by a majority vote of the members; duties include conducting scheduled meetings, acting as liaison between the club and other organizations, and coordinating club-sponsored activities; the Vice-president, a freshman student elected annually by a majority vote of the members; duties include conducting meetings in the absence of the president and assisting the president in various ways; a Secretary, a freshman student, elected annually by a majority vote of the members; duties include taking minutes at scheduled meetings and handling all correspondence and announcements pertinent to the club. (On occasion when the secretary is unavailable for meetings, the faculty sponsor will be responsible for the duties of Secretary); a Treasurer, a sophomore student, elected annually by majority vote of the members; duties include maintaining an accurate accounting of funds and reporting financial status at scheduled meetings, accepting dues, and, with the sponsors, maintaining the checking account for the club.

### Medical Technology Club

Membership in the Medical Technology Club is required of all students enrolled in the Medical Technology Program. The club provides educational and social opportunities through participation in state and national seminars and workshops sponsored by the American Medical Technologists. Offices are: President--Sophomore member, Vice President--Freshman member, Secretary--Sophomore member, Treasurer--Sophomore member, two Sophomore representatives, and two Freshman representatives. The sophomore officers are elected in the spring semester, and the

freshman officers are elected in the fall semester. All officers hold office for a one-year term. All officers must maintain an overall 2.0 grade point average to remain in office. Club dues of \$10.00 per year are collected in the fall semester.

Fund raising events are held each year. Monies raised are used for community projects and registry examination fees. Sophomore members are required to attend one state meeting. Each year a Medical Technology student is nominated for Medical Laboratory Technician Student of the Year. This student's application and qualifications are submitted to the American Medical Technologists to be considered for the National MLT Student of the Year.

### ***Phi Theta Kappa International Honor Society of the Two Year College Beta Iota Gamma Chapter***

*Phi Theta Kappa* offers students opportunities for leadership, scholarship, university and community service, and fellowship. Membership is by invitation only to students with a grade point average above 3.5. Officers include a chapter President, Vice President/Treasurer, Recording Secretary, Parliamentarian, and Public Relations Secretary all elected by the members annually in the Spring. Invitations and inductions into the society occur each semester. In addition, society members are automatically included on the National Dean's List of the American Association of Community Colleges.

### ***Phi Beta Lambda***

*Phi Beta Lambda* is an association of post-secondary students who are preparing for careers in business. PBL is organized on the local, state, and national levels and includes chartered chapters in the U.S., Puerto Rico, Virgin Island, U.S. Territories, and Department of Defense Dependent Schools worldwide. Members participate in a broad range of projects and ventures including state and national conferences. Students have the opportunity to compete in state and national contests in their areas of expertise. Through participation in PBL, students are better prepared for careers, graduate school, and for life.

### **Computer Club**

The Computer Science Club (CSC) encourages students to utilize their computer knowledge and skills. The club offers educational and social opportunities and is open to students majoring in Computer Science and Business. Membership dues are \$2.50 annually. Elections are held each fall for the offices of President, Vice President and Secretary.

### **Wesley Foundation**

The Wesley Foundation encourages spiritual growth by providing opportunities for fellowship and support for all students. It is supported by the United Methodist Church and is closely affiliated with the Wesley Foundation on the main campus.

### **College Ministry Association**

The College Ministry Association (CMA) is an interdenominational Christian fellowship sponsored by the state ministry of the General Baptist Convention. The CMA is open to all students who are seeking to develop their spiritual lives as they pursue their academic objectives. Located just north of the O.H. McMahan Library, the CMA provides a place where students can study, talk, have lunch, or play a game of ping-pong or fooseball in a friendly environment. Some of the weekly activities include free lunches on Wednesdays; Bible studies; and occasional fellowships. Some other activities that students have opportunities to participate in are: weekend retreats, mission trips, sporting events, and conferences designed for college students and their needs. CMA officers consist of a president and two council members. They are chosen from students who attend a fall leadership training conference.

## TUITION AND FEES

Tuition and other fees are established by the Oklahoma State Regents for Higher Education. **The charges listed in the catalog are those in effect at the time of publication and are subject to change** (refer to academic schedule for current fees). A student's registration is complete only when all fees are paid or when payment arrangements have been made with the Business Office (SAB 110, 580-928-5533 ext 108 or ext 140).

Tuition and fees\* include all charges for enrollment with the exception of those listed under "Charges for Special Services".

Rates shown are per credit hour.

### Tuition\*(1-2-3-4000 Level Courses)

|   |          |
|---|----------|
| Resident Students, per credit hour .....    | \$137.00 |
| Tuition Lock.....                           | \$153.80 |
| Non-Resident Students, per credit hour..... | \$315.00 |

**\*Tuition rates include the following mandatory fees per credit hour:**

|   |        |
|---|--------|
| Facility fee, per semester hour.....            | \$7.50 |
| Student Activity Fee, per semester hour .....   | \$8.50 |
| Technology Service Fee, per semester hour ..... | \$9.00 |

### Charges For Special Services

|  |                        |
|--|------------------------|
| ACT Residual Exam.....   | \$40.00                |
| Application Fee.....   | \$15.00                |
| Art, Technology, Instructional Media .....   | Cost of material used  |
| Audit (without credit), each credit hour.....  | Same charge as tuition |
| CLEP Exams .....   | \$87.00                |
| Electronic Media Fee .....   | \$5.00                 |
| (per credit hour plus regular tuition charges)   |                        |
| New Student Orientation Fee .....  | \$5.00                 |
| Off-site Interactive Video Course Fee .....  | \$20.00                |
| Remedial Course Fee:   |                        |
| (per credit hour, in addition to regular tuition) .....  |                        |
| Supplies Fee .....   | Varies by department   |
| (applies to some Art, Biology, Chemistry, Computer, and P.E. classes; fee is in lieu of supplies being purchased by student) |                        |
| TEAS Exam .....  | \$25.00                |
| Web-Based Course Fee (per hour) .....  | \$20.00                |

**NOTE: Fees and tuition stated are those in effect when the catalog was printed. Since charges are subject to change, a current schedule of fees is available upon request.**

### Refunds

Refunds for approved withdrawals from the institution (see current class schedule for calendar dates):

|  |     |
|--|-----|
| During the first ten days of a regular semester or during the first five days of a summer semester ..... | 85% |
|--|-----|

After ten class days of a regular semester or after five class days of a summer semester ..... No Refund

Classes dropped after ten class days of a regular semester or five class days of a summer semester..... No Refund

Any student, who totally withdraws from the University enrollment during the defined add/drop period shall be charged an administrative amount of 15% of the total tuition and fees assessed to that student, excluding non-resident tuition. After the add/drop period, the charge shall be 100% of the total tuition and fees assessed to that student, including non-resident tuition.

**NOTE: Fees and tuition stated are those in effect when the catalog was printed. Since charges are subject to change, a current schedule of fees is available upon request.**

### Guaranteed Tuition Rate Program

The Bursar's Office coordinates, monitors, and records tuition payments including the guaranteed tuition rate program established with the start of the 2008-2009 academic year. This will allow students to guarantee their tuition rate for four years. If a student chooses to participate in the guaranteed tuition rate program, tuition (excluding fees) will be guaranteed for four years at 115% of the current tuition rate at the time of initial enrollment. The program is only available to full-time, undergraduate students entering college for the first time. Students must be enrolled full-time each fall and spring semester at SWOSU for four years to remain in the guaranteed tuition rate program. If a student qualifies for a tuition scholarship, the scholarship will be calculated at the regular or non-guaranteed tuition rate. The student will be responsible for the balance of tuition and fees.

Examples and forms are available in the Bursar's Office, Admissions and Recruitment Office, and the Registrar's Office that may assist a student to determine if this program will benefit them. Students choosing to participate in the guaranteed tuition rate program should understand that they could possibly pay more in tuition in some cases (e.g. if at some point within the four-year guaranteed period they stop attending, drop below full-time enrollment, transfer to/from another institution, or if they are later admitted into the College of Pharmacy). Pre-Pharmacy majors who choose to participate in the program will not be able to continue with the guaranteed tuition rate upon admittance into the College of Pharmacy. However, in most cases, students who choose to lock in their tuition rate, continue their undergraduate fulltime enrollment and progress satisfactorily to graduate with a degree in four years may pay less in tuition than if they did not lock in their tuition rate. The program is only available to undergraduate students.

If a student chooses to participate in the guaranteed tuition rate program, they must return the completed form prior to enrollment. This form must be signed and documented in the Registrar's Office prior to enrolling or attending one of the designated New Student Orientation sessions. Students may return this form as they register on the morning of the New Student Orientation session they choose to attend.



## ADMISSIONS

All matters regarding admission to the University are handled by the Registrar's Office which is located in the Alexander Building.

Southwestern Oklahoma State University at Sayre follows a non-restrictive policy of admission. After payment of the non-refundable application fee of \$15.00, applicants may be admitted under either of two programs, General Admission or Provisional Admission.

### General Admission Requirements

1. Graduation from an accredited high school or a certificate program of high school equivalency (GED).
2. Participation in the American College Testing Program. It is recommended that the ACT be taken during the senior year of high school, but it may be taken during the first semester after admission. SWOSU at Sayre has been designated as a national testing center and administers the ACT on five national test dates annually. SWOSU at Sayre also administers the residual ACT. Contact the Office of Counseling and Assessment for further information.
3. Completion of high school curricular requirements.

| UNITS<br>(Years) | COURSE AREAS  |
|------------------|---|
| 4                | English (Grammar, Composition, Literature)  |
| 2                | Lab Science (Biology, Chemistry, Physics, or any lab science certified by the school district with the exception of General Science, with or without lab) |
| 3                | Mathematics (from Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus)   |
| 2                | History (including 1 unit of American History)  |
| 1                | Citizenship skills from the subjects of Economics, Geography, Government, and non-Western culture   |
| 3                | Additional units of subjects previously listed or selected from the following: Computer Science, Foreign Language   |
| 15               | Total required units  |

4. All students with ACT scores within the State Regents' guidelines for remediation will be required to remove curricular deficiencies through testing or through remedial coursework. Students will be notified by the counselor's office of this situation and will be advised accordingly.

### Remedial Courses

The Oklahoma State Regents for Higher Education established an ACT score of 19 as the "first cut" in determining student readiness for college level course work. Students must score 19 or above in the four subject areas of mathematics, English, reading, and science reasoning in order to avoid second level testing and/or remedial courses.\* The Computer Placement Test (CPT) is used as the second level test. Students who score below 19 on any ACT subtest should contact the Office of Counseling and Assessment for information about the CPT and placement in remedial courses.

The following CPT scores have been established for remedial course placement for entering freshmen:

|             |  |                              |
|-------------|--|------------------------------|
| Mathematics | Below 75   | 0124 Basic Algebra           |
| English     | Below 70   | 0123 Fundamentals of English |
| Reading     | Below 75   | 0123 Improvement of Reading  |
| Science     | Students with ACT science reasoning score below 19 must satisfy all remediation requirements before enrolling in science courses. First course must be general education science course. |                              |

Based on student CPT scores, the university may recommend placement in specific courses which will aid students in improving skill levels in specific disciplines.

**\*Students who score below 19 on any ACT subtest area may elect to enroll in appropriate remedial courses without completing second level testing.**

### Provisional Admission Requirements

Admission to the university in the following categories may be granted to those who are not high school graduates:

#### 1. ADULTS WHO ARE NOT HIGH SCHOOL GRADUATES

Any adult resident of Oklahoma (18 years of age or older) who has had his/her high school education interrupted before graduation is eligible for provisional admission as a special student to an institution in the State System as follows:

- a. His/her high school class must have graduated prior to the date of application.
- b. The applicant is considered academically worthy to enroll in the institution to which she/he is applying according to the judgment of a responsible institutional official or committee.

## 2. ADULTS WHO HAVE BEEN OUT OF HIGH SCHOOL TWO YEARS:

Any adult resident of Oklahoma (18 years of age or older) who has been out of high school two years or longer is eligible for provisional admission as a special student to an institution in the State System as follows:

- a. The applicant must meet all of the criteria for the institution to which he/she is applying as set forth in Part I of this policy.
- b. An adult given provisional admission under this policy will be on probation for a period of two semesters. If, at the end of that time, the student has made satisfactory progress (see retention standards), the student may continue to enroll as a regular college student.

ALL STUDENTS pursuing admission to Associate in Science and Associate in Applied Science degree programs must meet the new curricular requirements listed under general admission requirements and remove any curricular deficiencies within the first twenty-four semester hours attempted, or they will be permitted to enroll in deficiency-removal courses only. Courses taken to remove deficiencies will not count toward satisfaction of degree program requirements.

NO STUDENT is officially enrolled until all required records are on file. Failure to provide these records in a timely manner may result in a cancellation of enrollment or a delay in future enrollment or transfer.

## OKLAHOMA TAXPAYER & CITIZEN PROTECTION ACT OF 2007 (HB 1804 IMMIGRATION LAW)

HB 1804 provides that an individual who is not lawfully present in the United States shall not be eligible on the basis of residence within Oklahoma for any postsecondary education benefit, including but not limited to, scholarships or financial aid, or for resident tuition, except as provided under new law set forth in other provisions of HB 1804 and under the revised State Regents' policy (3.18.9) which conforms with that new law. However, HB 1804 also provides that this provision regarding eligibility for resident tuition and state financial aid shall not apply to an undocumented immigrant student enrolled in a degree program during the 2006-07 school year or any prior school year who received a resident tuition benefit pursuant to the pre-HB 1804 statute and pre-HB 1804 State Regents policy regarding undocumented immigrant students. In addition, SB 820 of the 2007 legislative session creates unique treatment of undocumented immigrant students participating in Oklahoma's Promise.

The new legislation identifies three categories of undocumented immigrant students:

**Category I** – students enrolled in a degree program during the 2006-07 year or any prior school year who received a resident tuition benefit pursuant to the pre-HB 1804 statute and pre-HB 1804 State Regents' policy. These students are "grandfathered" and remain eligible for resident tuition and state financial aid under the pre-HB 1804 law and pre-HB 1804 policy.

**Category II** – students enrolling in a postsecondary education institution in 2007-08 and thereafter. These students are subject to the new restrictions under HB 1804 and the State Regents' policy that became effective November 1, 2007.

**Oklahoma's Promise** – While students participating in Oklahoma's Promise also fall into either Category I or Category II, SB 820 provides unique treatment of these students with respect to their eligibility to receive the Oklahoma's Promise award.

## International Student Admission Requirements

Southwestern Oklahoma State University can accommodate only a limited number of international students and therefore requires a high academic background achievement and a high level of English proficiency for admissions consideration.

### 1. First-Time Entering Freshmen

- a. Before being considered for admission as a first time freshman, the applicant must provide the Office of Admissions with a certification that s(he) earned a minimum TOEFL score of 500 and a satisfactory ACT or SAT score.
- b. International student applicants must provide a financial certificate on a university-provided form showing sufficient resources to pay for the student's entire program of study and living expenses. A deposit is required at the time of application.
- c. Application deadlines for international students are June 1 for fall semesters, October 1 for spring semesters, and March 1 for summer semesters.
- d. The student is responsible for notifying the Admissions Office and personally seeing that correct forms are supplied to the Immigration Service at the proper time. The I-20 and I-538 forms are kept in supply, but the student must provide other necessary forms required for the course of study.
- e. Any foreign student under a student visa is required to pay non-resident tuition and fee costs each semester while at Southwestern Oklahoma State University.
- f. It is assumed by the required financial statement that resources are adequate, and the foreign student will not ordinarily be permitted to work while a student at Southwestern Oklahoma State University.
- g. Financial aid is not ordinarily available to foreign students at Southwestern Oklahoma State University and should not be expected.
- h. Evaluation of foreign college and university transcripts cannot be made prior to a student's enrollment. At the student's request, an effort will be made during the first year to give a fair evaluation of credits felt to be equal to those at Southwestern Oklahoma State University. Generally, however, the student will be asked to substantiate such credit with CLEP (College Level Exam Program) tests or departmentally prepared Advanced Standing tests. Southwestern Oklahoma State University will accept credits which have been evaluated and posted to the student's transcript by a regionally accredited U.S. institution from which the student transfers as long as these credits are in keeping with institutional policies.

- i. A non-citizen who has attained a "permanent" resident immigrant status, and whose citizenship is pending, will be treated as a U.S. citizen for admission purposes. The regular admissions criteria for in-state or out-of-state students, as applicable, would then apply. (Students for whom English is a second language will be required to prove English proficiency.)

- j. Medical insurance is required.

## 2. Transfer Students from Accredited U.S. Institutions

- a. International students seeking transfer from accredited U.S. Institutions must have a grade-point average of 2.0 (on a 4.0 scale) in all hours attempted and meet other specified requirements to be considered for admission.
- b. International students must show English Proficiency as specified in Item 1-a.
- c. International students must provide a financial certificate, as specified in Item 1-b.
- d. A deposit is required, as specified in Item 1-d.

## Resident Transfer Students

Transfer students from other accredited colleges and universities who are legal residents of Oklahoma may transfer to Southwestern under the following conditions:

If the student originally met both the high school curricular requirements and academic performance standards of SWOSU, the student must have a grade-point average high enough to meet SWOSU's retention standards; or

If the student originally met the high school curricular requirements but not the academic performance standards of SWOSU, the student must have a grade-point average high enough to meet SWOSU's retention standards, and must also complete the curricular requirements before transferring; or

If the student originally met neither the curricular nor the performance requirements of SWOSU, the student must have a grade-point average high enough to meet SWOSU's retention standards, based on at least 24 completed semester credit hours of regularly-graded (A, B, C, D, F) college work and must also complete the curricular requirements, as specified.

## Required Residency Hours

A minimum of fifteen credit hours of resident credit applied towards the associate degree must be taken at Southwestern at Sayre. Transfer hours must be applicable to the degree being pursued.

## Non-resident Transfer Students

Transfer students who are not residents of Oklahoma may transfer from an out-of-state institution if they meet the following requirements:

Meet university admission requirements.

Have a cumulative college grade point average of at least a 2.0 on a 4.0 scale

Be in good standing at the institution from which they are transferring.

**NOTE: Transfer students whose scholastic records do not meet minimum standards may be admitted on probation for a semester on the same basis as SWOSU students.**

## Transfer Credit Policy

Transcripts of record from colleges or universities accredited by the Higher Learning Commission or other regional associations will be given full value when appropriate to the student's degree program. Transcripts of record from institutions not accredited by a regional association may be accepted in transfer when appropriate to the student's degree program and when Southwestern Oklahoma State University has had the opportunity to validate the courses or programs. Validation of credits may include, but is not limited to, the completion of college level courses and/or evaluation by an appropriate academic department. Credit accepted in transfer that is not in semester credit hours will be converted to semester credit hours. All transfer credit is calculated in the cumulative grade point average.

Evaluation of military service may be accomplished by submitting service records to the Office of the Registrar. Credit is granted based on recommendations from guidelines of the American Council of Education.

## Concurrent Enrollment of High School Students

A student enrolled in an accredited Oklahoma high school may, if the student meets the requirements set forth below, be admitted provisionally to SWOSU at Sayre.

- a. The student must meet the published criteria of the State Regents (other than high school graduation) for admission to the institution to which he or she applies. This includes participation in the American College Testing program or the Scholastic Aptitude Test.

To help insure that high school students have the prerequisite skills to be successful in college, the student assessment policy is that high school students must meet the minimum ACT scores in each of the areas of science reasoning, reading, mathematics, and/or English to enroll in coursework in the respective subject areas as required by the Oklahoma State Regents for Higher Education. Additional information on these requirements is available from the Registrar's Office.

- b. The student must be enrolled in less than a full-time load (fewer than six credit courses per semester) at the high school which the student is attending, as attested by the high school principal.
- c. The student must be eligible to complete requirements for graduation from high school no later than the spring of his/her senior year as attested by the high school principal.

A high school student admitted under the provisions set forth above may enroll in a combined number of high school and college courses per semester not to exceed a full time college workload of 19 semester credit hours. One high school credit course shall be

equivalent to three semester credit hours of college work. The collegiate portion of the student's workload must be taken on the SWOSU at Sayre Campus or by interactive video under regular faculty members of the institution.

A student who is otherwise eligible under this policy may enroll in a maximum of nine semester credit hours during a summer session or term at a college or university of the State System following the end of the junior year of high school, without the necessity of being concurrently enrolled in high school classes during the summer term. The completion of the high school curricula requirements set forth above shall not be required of concurrently enrolled high school students.

Following high school graduation, such a student may continue enrollment at the institution to which the student has been admitted or may transfer to another institution in the State System, provided that during the provisional enrollment period the student has achieved a college grade-point of 2.0 or above on a 4.0 scale and meets the entrance requirements of the receiving institution, including the high school curricular requirements.

### **Special Admission for Non-degree Seeking Students**

Individuals having no intent to pursue a degree may enroll in a maximum of nine credit hours without submitting academic credentials or meeting the academic performance or curricular requirements. Retention standards will be enforced. Before enrolling in hours beyond the nine credit hour maximum, students must be formally admitted to the university.

### **Keyboarding Proficiency Requirement**

Southwestern students are expected to use computer labs, writing labs, the on-line library card catalog, computer information sources, and computer networks and therefore must demonstrate competency in keyboarding skills. Freshmen students who completed a typing or keyboarding class in high school meet the keyboarding proficiency requirement. Those who do not have one of these courses on their high school transcript may take a keyboarding proficiency examination. A minimum of 35 words per minute on a three minute timed writing with not more than seven errors will allow students to meet the minimum keyboarding proficiency requirement. Students who do not meet high school course or testing proficiency must enroll in a one-hour non-credit course General Studies 0121 Keyboarding during the first semester of enrollment.



## STUDENT FINANCIAL SERVICES

Financing a college education today can be challenging but does not have to be overwhelming. Our objective is to work with students and create a financial service package that will help them attend Southwestern Oklahoma State University at Sayre. Since educating a student is a family responsibility, the financial service resources in this catalog are not designed to replace family assistance, but to supplement it. Although students and parents are expected to be contributors toward educational expenses, over sixty percent of students at Southwestern Oklahoma State University at Sayre receive some kind of financial assistance.

Financial assistance consists of scholarships, grants, loans and work-study opportunities. Scholarships are generally merit-based awards. They are awarded to a student on the basis of his/her abilities. Scholarships are generally not cash awards, but instead fee waivers applied toward charges incurred at the university. Other financial service programs described are awarded to a student on the basis of financial need, taking into consideration the expected family contribution (EFC) and the cost of attending school. Grants, loans and work-study programs fall into this category.

### HOW TO APPLY FOR FINANCIAL ASSISTANCE

Students should complete a Free Application for Federal Student Aid (FAFSA) which is available from the Office of Student Financial Services.

Once the application is completed and the student has identified Southwestern Oklahoma State University as its institution of choice, the student has two options for submitting the application to the federal processor:

1. Mail the application in the envelope provided with the application, or
2. Complete the application on the internet at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) to transmit electronically.

Once the federal processor has completed calculations, the University will automatically receive the student's data. When the University receives this data, the Office of Student Financial Services will notify the student regarding necessary steps in the application process. It is important that the student respond in a timely manner to prevent any delay in completion of the financial aid process.

Financial aid is not automatically renewed each year. Typically, a student is awarded financial aid for the Fall/ Spring semesters. A student needs to reapply after January 1 for financial aid consideration for the following Fall/Spring terms.

### Financial Aid Recommended Completion Dates

Many financial aid programs at Southwestern Oklahoma State University are administered on a first-come first-served basis. For best consideration, students should strive to complete the appropriate paperwork by the following dates:

|  |          |
|--|----------|
| Freshman Scholarship Application                     | March 1  |
| Foundation Scholarship Application                   | March 1  |
| Free Application for Federal Student Aid-Fall/Spring | April 15 |

### Satisfactory Academic Progress

Federal law requires that all students who receive financial aid must maintain the requirements of the Satisfactory Academic Progress (SAP) policy of the University to continue receiving financial aid from the following programs: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Work Study, Oklahoma Tuition Aid Grant, Federal Subsidized Stafford Loan, Federal Unsubsidized Stafford Loan and Federal Parent PLUS Loan.

For a copy of the Southwestern Oklahoma State University Satisfactory Academic Progress (SAP) policy, contact the Office of Student Financial Services.

### Return of Title IV Funds

Federal law requires that students who receive financial aid and completely withdraw before the 60% point of a semester may be subject to pay back some of the financial aid that they received. If the situation arises where a student may need to completely withdraw, he/she should consult with the Office of Student Financial Services before doing so to see what implications withdrawal will affect the student. Federal law also requires that students who receive financial aid and fail to earn any credit hours must document scholastic activity after the 60% point of a semester. If students cannot verify scholastic activity they will be required to pay back 50% of the aid received.

### Financial Services and Scholarship Programs

#### Federal Pell Grant

The largest federal grant program is the Federal Pell Grant Program. Federal Pell Grants are available to help undergraduate students pay for their education. For Federal Pell Grant Programs, an undergraduate is one who has not earned a bachelor's degree. The amount a student can receive depends on the cost of attendance determined by the University, whether the student is full-time, half-time or less than half-time, and the student's Expected Family Contribution (EFC) number on the Student Aid Report (SAR). To renew a Federal Pell Grant, a student must reapply each academic year to have his/her eligibility assessed and be making satisfactory academic progress. Other than in the case of a complete withdrawal by the student, Federal Pell Grants do not have to be repaid.

#### Federal Supplemental Educational Opportunity Grant (SEOG)

The Federal Supplemental Educational Opportunity Grant (SEOG) is a federal grant program limited to undergraduate students who are enrolled at least half-time with exceptional financial need. It must be awarded to Federal Pell Grant recipients who have the lowest Expected Family Contribution (EFC). The amount a student can receive depends on the student need, the availability of Federal Supplemental Educational Opportunity Grant funds and the amount of other financial assistance the student is receiving. Other than in the case of a complete withdrawal by the student, Federal Supplemental Educational Opportunity Grants do not have to be repaid.

## **Federal Work-Study Employment**

Funded by the federal government, this is a program that provides jobs for students who are eligible for need-based financial assistance. The amount of the offer depends on the student's need, the availability of funds for the program and the amount of assistance the student receives from other programs. Students generally work 10 to 20 hours per week during each semester. The student must be enrolled at least half-time to be eligible for this program. In addition to Federal Work-Study jobs on the campus, there are also a limited number of opportunities for students to participate in a reading and math tutoring program.

## **Federal Stafford Loans**

### **Subsidized**

Subsidized Federal Stafford loans are low-interest, need-based loans made to the student by a lender, such as a bank, credit union or savings and loan association to help pay for the student's education. A student must be enrolled at least half-time to be eligible to receive a loan and must complete an entrance interview before receiving student loan funds. Loan amounts vary depending on the student's grade level. The student does not have to begin repayment on the loan for six months after they have either graduated or dropped below half-time enrollment.

### **Unsubsidized**

Unsubsidized Federal Stafford loans are low-interest, non-need based loans made to the student by a lender, such as a bank, credit union or savings and loan association to help pay for the student's education. A student must be enrolled at least half-time to be eligible to receive a loan and must complete an entrance interview before receiving student loan funds. Loan amounts vary depending on the student's grade level. The student is responsible for paying the interest on the loan while in school. Repayment of the principal balance begins six months after the student either graduates or drops below half-time enrollment.

## **Oklahoma Tuition Aid Grant (OTAG)**

The Oklahoma State Regents for Higher Education sponsor the Oklahoma Tuition Aid Grant Program. This program is based on a student's financial need. The student must be a resident of the state of Oklahoma and be enrolled at least half-time to be eligible. The student uses the Free Application for Federal Student Aid to apply for this grant, and traditionally the application must be received by April 30 to qualify for available funds.

## **Academic Competitiveness Grant**

The Academic Competitiveness Grant is a federal grant program. First year students must be full-time, a U.S. Citizen, Pell eligible, and must be a student enrolled or accepted for enrollment in the first-year of a two- or four-year degree granting undergraduate program and, after January 1, 2006, must have successfully completed a rigorous secondary school program established by a state or local educational agency that is recognized as rigorous by the Secretary. Also, the individual will not have been previously enrolled in a program of undergraduate education. Second year students must be full-time, a U.S. citizen, Pell eligible and have completed a rigorous secondary school program after January 1, 2005 and have at least a 3.0 GPA at the end of the first academic year.

## **Scholarships**

### **Freshman Scholarship**

This scholarship is available to Oklahoma residents who are first-time freshmen. Students must apply for this scholarship using the "Freshman Scholarship Application" in the Freshman Application Packet or by requesting one from the Office of Student Financial Services. The completed application should be submitted to the Office of Student Financial Services and must be postmarked no later than March 1.

### **Foundation Scholarship**

A limited number of scholarships are funded by private donors. These scholarships are available for freshmen and upperclassmen. These scholarship applications are available from the Office of Student Financial Services and the completed application must be submitted to the Office of Student Financial Services and be postmarked no later than March 1.

### **Continuing Fee Waiver Scholarship**

This scholarship is available to Oklahoma residents who have completed at least 24 credit hours at Southwestern Oklahoma State University during the Fall and/or Spring terms. To receive this award, a student must complete the FAFSA online or provide a copy to Students Financial Services and enroll in at least 12 hours before July 15<sup>th</sup>. Awards are competitively assigned based upon a point total comprised 50% of the student's retention grade point average, 25% by the most recent fall semester grade point average and 25% by the most recent spring semester grade point average.

### **Veteran Affairs**

All students attending the University under the Veterans Administration (VA) program may obtain assistance from the Registrar's Office. Areas covered are entrance requirements, official records, and subsistence payments. For additional assistance, a toll free number to the VA is available.

## ACADEMIC INFORMATION

### Enrollment Procedures

Southwestern Oklahoma State University at Sayre's enrollment system makes pre-enrollment both possible and desirable. Complete details for this procedure, as well as specific pre-enrollment and regular enrollment dates can be found in any current class schedule. These are available from the Registrar's Office in advance of any given semester. Students begin their enrollment in the Registrar's Office in the Alexander Building.

### Enrollment Steps

The step-by-step procedures for officially enrolling at Southwestern Oklahoma State University at Sayre are as follows:

#### Step One:

Admission Requirements include providing the following information:

- Official high school transcript or GED scores.
- ACT scores on file or arrangements made to take the ACT exam during the first semester.
- An official transcript from all other colleges previously attended, if the student is transferring from another institution of higher education.
- Immunization Records for Hepatitis B and MMR.

#### PLEASE NOTE:

**No student is officially enrolled until all of the required records indicated above are on file. Failure to provide these records in a timely manner may result in a cancellation of enrollment or a delay in future enrollment or transfer.**

#### Step Two:

First time students must complete an application form for admission and pay application fee.

#### Step Three:

The student must meet with an assigned faculty advisor or counselor to obtain assistance in developing an individual class schedule. The schedule will require the approval and signature of the faculty advisor or counselor.

**NOTE: Freshmen Orientation will be required for all first-time freshmen.**

#### Step Four:

The student should return all forms and a completed schedule to the Registrar's Office for processing. A print-out will be provided indicating the class schedule and tuition amount. The print-out should be taken to the Office of Student Financial Services for review if the student is receiving financial aid.

#### Step Five:

Finally, the student should go to the Business Office and pay tuition and fees.

### Retention of Students Pursuing Academic Programs

The following standards relating to retention of students pursuing study in undergraduate programs will apply at Southwestern Oklahoma State University at Sayre.

#### 1. Academic Notice

Academic Notice is designed to alert students to new retention standards and does not become part of the official record. Students with 1-30 hours attempted with GPA between 1.70 and 1.99 will be placed on Academic Notice.

#### 2. Academic Probation

Students not maintaining satisfactory academic progress, 1-30 credit hours attempted and less than 1.70 GPA or 31 or more credit hours attempted and less than 2.00 GPA will be placed on Academic Probation.

#### 3. Minimum Performance While on Academic Probation

The probationary student must increase his overall grade point average above probationary GPA's listed above or earn at least a 2.00 grade point average during the next semester (not to include activity courses or performance courses) in order to continue enrollment on academic probation.

#### 4. Academic Suspension

Students who fail to meet retention standards while on Academic Probation will be suspended for one regular semester (fall or spring). After the semester of suspension, students may re-enroll on Academic Probation. Students suspended a second time will not be permitted to re-enroll at Southwestern until they establish a satisfactory record at another university.

**NOTE: A student suspended for the first time at the end of the spring semester may attend the following summer semester. Enrollment in this summer semester will be limited to "core academic courses that meet the general education or degree requirements." If work taken in the summer raises the overall retention GPA to 2.00, the student will be removed from probation. If not, the student will be "continued on suspension" for the fall semester.**

**NOTE: Remedial courses are zero level and do not count in overall grade point average or the graduation and retention grade point average. Grades of "W", "I", "S", "U", "P", and "NP" are GPA neutral.**

**Exception--** A student who achieved a grade-point average of 2.00 or above in the last semester in which the student was enrolled will be considered to be making satisfactory progress, regardless of the cumulative grade-point average. (Under these circumstances, a student will remain on probation until a 2.00 cumulative grade-point average is achieved.)

## Placement By Advanced Standing Examination

Southwestern will award credit to students whose background and achievements merit beginning at an advanced level. Southwestern Oklahoma State University at Sayre offers tests which will allow capable students to receive college credit through examination. A list of SWOSU courses for which advanced-standing examinations may be taken is available in the Office of Counseling and Assessment.

Courses passed by Advanced-Standing Examinations will be recorded on the transcript with a letter "S". Advanced-standing credit toward a degree is limited to 31 hours within each of the upper and lower division levels. A minimum of 12 semester hours of satisfactory traditional credit must be completed at Southwestern before advanced-standing credits may be recorded on the SWOSU transcript.

In most cases, advanced-standing examinations are administered through the College-Level Examination Program (CLEP). Southwestern is a CLEP testing center and accepts credit earned by CLEP Subject Examinations; however, SWOSU does not recognize credit earned through CLEP General Examinations. Registration for CLEP tests should be made one week prior to the test.

Any person interested in participating in this program should contact the Office of Counseling and Assessment. In all cases, students are advised to consult with their faculty advisor as to how credit by advanced standing will apply to degree programs.

## Course Load

An undergraduate student must be enrolled in at least 12 credit hours in the fall or spring semester or at least 6 credit hours in the summer term to be considered a full-time student. The normal load of work is 16 academic hours. With approval of the Advisor, a student may take a maximum of 20 credit hours during a regular semester. With the approval of both the Advisor and Dean, a student may take a maximum of 24 credit hours during a regular semester and 12 credit hours during a summer semester.

## Student Classification

|            |   |
|------------|---|
| Freshman:  | Students with fewer than 30 semester hours of college credit                      |
| Sophomore: | Students with 30 or more hours of college credit and fewer than 60 semester hours |

## Credit Hours

All credits are given in terms of semester hours. A semester hour represents 16 hours of class work or 32 (or in some cases, 48) hours of laboratory work. The last digit in a course number represents the number of semester hours for that course.

## Grades

Grade Schedule: The quality of work done in classes is designated by the following schedule of grades:

|         |                           |
|---------|---------------------------|
| A.....  | Excellent                 |
| B.....  | Good                      |
| C.....  | Average                   |
| D.....  | Below Average             |
| F.....  | Failure                   |
| I.....  | Incomplete Grade          |
| W.....  | Withdrawal                |
| AW..... | Administrative Withdrawal |
| S.....  | Satisfactory              |
| P.....  | Pass                      |
| U.....  | Failure                   |
| N.....  | Grade Deferred            |
| X.....  | Thesis in Progress        |
| AU..... | Audit Status              |

Students earn grade points on this schedule.

|        |                            |
|--------|----------------------------|
| A..... | 4 points per semester hour |
| B..... | 3 points per semester hour |
| C..... | 2 points per semester hour |
| D..... | 1 point per semester hour  |
| F..... | 0 points per semester hour |
| U..... | 0 points per semester hour |
| S..... | 0 points per semester hour |

If a course is repeated, both grades are used in computing the student's grade-point average (GPA). A grade of "S," "P," "I," "U," "NP," or "W" has no effect on the average.

*Incomplete:* A grade of "I" will be given to students who, because of illness or other unavoidable circumstances, cannot complete a course by the end of the semester. "I" grades not changed by the instructor to a credit-bearing grade or an "F" will remain a permanent "I" and not contribute to the GPA.

*Withdrawal:* A student must withdraw within the first eleven weeks of class work during a regular semester or within the first five weeks of class work during a summer term to receive a grade of "W." Instructors have the right to give a "W" as a final grade.

Students may withdraw officially any time prior to and including Friday of the week before final examinations begin and receive a "W" for courses in which they are doing passing work and an "F" for courses in which they are failing.

Students who leave school without officially withdrawing may receive the grade of "F" for courses in which they are enrolled.

## Academic Forgiveness Provisions

The Oklahoma State Regents for Higher Education grading policy for state colleges and universities includes three academic forgiveness provisions. The repeated courses policy, the academic-reprieve policy and the academic renewal policy may help a student overcome low-academic standing by establishing a retention and graduation grade-point average in addition to the cumulative grade-point average. Although the academic transcript will continue to be a full and accurate reflection of the student's academic performance, the academic forgiveness provision will be reflected in such matters as how the retention and graduation grade-point average is calculated. Students who believe the academic forgiveness provisions outlined below will assist them in meeting academic goals should contact the Registrar's Office for application forms and additional information.



## Repeated Course Policy

The policy applies to all repeated courses and all students who are pursuing a degree.

Students may repeat courses in which original grades were "D" or "F" and have only the second grades count in the retention and graduation grade-point average. The first four courses (18 hour maximum) repeated are the only hours that can be considered under the Repeated Course Policy.

Students must apply at the Registrar's Office in order to have hours considered under the Repeated Course Policy.

If a course is repeated more than once, all grades earned, with the exception of the first grade, will be counted in the retention and graduation and cumulative grade-point average.

Students may repeat courses above the first four courses (18 hour maximum); however, both the original grade and repeat grade will be included in all grade-point averages.

In cases where students believe courses to be identical, although the course number or title may differ, it will be necessary to obtain validation from the department offering the course.

Students should not assume that the retention and graduation grade-point will be used for admission to or retention in programs such as Pharmacy, Nursing, and Teacher Education. Students should contact the appropriate department chair or advisor to obtain specific information about admission requirements.

## Academic Reprieve Policy

1) The semester's work to be considered for reprieve may have been completed at any accredited college or university;

2) At least three years must have elapsed between the period in which the semester being requested reprieved was completed and the reprieve request;

3) Prior to requesting the academic reprieve, the student must have earned a grade point average of 2.0 or higher with no grade lower than a "C" in all performance courses completed since the "reprieved semester." This course work may have been completed at any accredited higher-education institution;

4) Only one semester's work may be reprieved;

5) Academic Reprieve is a provision allowing a student who has experienced extraordinary circumstances to disregard one semester in the calculation of his or her retention/graduation GPA. The academic reprieve removes all grades earned during the reprieved semester from the retention and graduation grade-point average. All work in the reprieved semester will be counted in the cumulative grade-point average;

6) A student may not receive more than one academic reprieve;

7) Academic reprieves granted by other colleges and universities are not recognized. Students who received academic reprieves from other colleges and universities may apply for academic reprieves under SWOSU guidelines;

8) Students who receive an academic reprieve are not eligible to graduate with honors;

9) Students should not assume that an academic reprieve will be considered when applying for admission to programs such as Pharmacy, Nursing, and Teacher Education.

## Academic Renewal

Academic Renewal is a provision allowing a student who has had academic trouble in the past and who has been out of higher education for a number of years to recover without penalty and have a fresh start. A student may request Academic Renewal from public State System institutions with academic renewal policies consistent with these guidelines: 1) At least five years must have elapsed between the last semester being renewed and the renewal request; 2) Prior to requesting Academic Renewal, the student must have earned a GPA of 2.0 or higher with no grade lower than a "C" in all regularly graded course work (a minimum of 12 hours) excluding activity or performance courses; 3) The request will be for all courses completed before the date specified in the request for renewal; 4) The student must petition for consideration of Academic Renewal according to institutional policy; and 5) All courses remain on the student's transcript but are not calculated in the student's retention/graduation GPA. Neither the content nor credit hours of renewed course work may be used to fulfill any degree or graduation requirements.

## Attendance

Students are expected to attend class at all possible times. Attendance policies are set in each class by the instructor. The instructor is expected to provide students with a written statement of these policies. In emergencies, notification of instructors of such absences may be made through the campus switchboard. An instructor may drop a student from class for excessive absences through the Office of the Registrar.

## Student Conduct Requirements

Students are expected to abide by the laws and norms of society, the rules of the University, and the rules issued by the Regional University System of Oklahoma board.

## Cheating

All forms of dishonesty such as cheating, plagiarism, unauthorized possession of examinations, using unauthorized materials, information or aids, knowingly furnishing false information to the institution, forgery, alteration or misuse or being party to the forgery, alteration or misuse of institution records or documents, including university identification cards, constitute violations of university regulations for which students are subject to disciplinary action. The penalties imposed by an individual instructor or the University may range from an unsatisfactory grade on a particular assignment or examination to expulsion from the University.

## Plagiarism

An essential rule in any university is that all printed and spoken work which a student submits should be entirely his/her own, or properly documented. If it is not, the student is guilty of plagiarism. The following are two types of plagiarism that the student should be aware of:

Word for word copying, without acknowledgement, of the language of another person. Obviously, having another person write or dictate all or part of one's printed or oral work is plagiarism of this kind. In addition, a student should copy NO printed, spoken or electronic passage, no matter how brief, without acknowledging its source. This applies to even the briefest of phrases if they are truly individual and distinctive.

Another type of plagiarism is the unacknowledged paraphrasing of another's ideas. A student should no more take credit for another's thoughts than for another's language. Any distinctively original idea taken from another should be credited to its author. If the student does not know whether another's idea is distinctively original, he/she should incline to believe that it is; no fault attaches to over-acknowledgement, but under-acknowledgement is plagiarism.

## Grade Reports

To determine the degree of educational progress attained by students, instructors monitor student progress closely. Mid-term grade reports reflecting "D" and "F" grades earned in general education courses are mailed at the mid-point of each semester. As final grades are recorded in the Registrar's Office each semester, students may check their grades through Campus Connect through Southwestern's web site ([www.swosu.edu](http://www.swosu.edu)).

## Honor Rolls

The undergraduate student's semester record must have no grade of "I," "U," "D," or "F" to be considered for the honor rolls. Grades of "S" are neutral and are not included in the student's semester grade-point average. Types and qualifications for honor rolls are as follows:

*President's Honor Roll:* Undergraduate students who complete 12 or more hours during a semester and earn a 4.00 grade point average qualify for this honor roll.

*Dean's Honor Roll:* Undergraduate students who complete 12 or more hours during a semester and earn a 3.50 or higher grade point average qualify for this honor roll.

## Graduation

All graduating students are encouraged to participate in the graduation ceremony which is held annually at the close of the spring semester. Students completing graduation requirements during the fall, spring, or following summer session participate in that annual event.

Each individual is responsible for ascertaining that all requirements for graduation are met. Students are encouraged to request a "graduation check" from the Registrar's Office prior to enrolling for the final semester, in addition to carefully planning their enrollment programs based on catalog and graduation check sheet requirements. Any questions concerning requirements should be clarified with the Dean or Registrar. Degree awards are recorded on the student's permanent academic record. Transcripts are available one week after the close of each semester.

Southwestern Oklahoma State University at Sayre grants degrees "with honors" as follows:

Summa Cum Laude 3.90-4.0 GPA  
Magna Cum Laude 3.75-3.89 GPA  
Cum Laude 3.5-3.74 GPA

Honors standing is determined by calculating the grade-point average using all credit hours attempted. The cumulative GPA, not the retention/graduate GPA is used in the calculation.

Application for Graduation forms should be completed in the office of the Registrar. Students finishing in either the fall or spring semester should apply for graduation at the beginning of the semester. Students completing degrees during the summer term should apply for graduation by mid-term of the spring semester.

Degrees are recorded on the student's permanent academic record. Transcripts are available approximately one week after the close of the each semester or term.

## DEGREE PROGRAMS

### Degrees Granted

Southwestern Oklahoma State University at Sayre awards degrees to students who successfully complete the program plans approved by the institution and maintain a 2.0 grade point average.

Two types of degrees are awarded on the Sayre campus, Associate in Science (AS) and Associate in Applied Science (AAS).

The AS degree conforms to and exceeds standards of the articulation agreement explained below. Students planning to transfer their coursework to a senior campus should select programs leading to this degree to satisfy the general education requirements of a higher degree program.

The AAS degree is awarded primarily in co-occupational or technical programs. Students receiving this degree usually go directly into the work force. Courses are transferable but will be evaluated individually by the institution to which they are transferred.

All degrees and certificates are awarded at the regular spring commencement exercises.

**Notice: Students are responsible for taking the proper courses leading to a degree.**

### Articulation Policy

Southwestern Oklahoma State University at Sayre cooperates fully with the requirements of the Oklahoma State Regents for Higher Education Articulation Policy for transfer of students among institutions in the Oklahoma State System of Higher Education.

Although every effort is made to present accurate offerings, the listing of a course in this catalog is not a guarantee of availability. Degree requirements may be revised from time to time.

All programs offered by Southwestern Oklahoma State University have the approval of the Oklahoma State Regents for Higher Education.

Teacher Education and certain professional programs may specify additional requirements. Students are advised to check such program requirements in the catalog for the college or university at which they plan to complete their final degree.

**A maximum of 64 hours may be counted toward a higher degree at a four-year campus, including the Weatherford campus of Southwestern Oklahoma State University.**

### General Education Program

All students must complete a number of courses in General Education in order to obtain baccalaureate degrees from Oklahoma's state university system. At SWOSU at Sayre, because of differing curriculum and/or accreditation requirements, some programs follow slightly different course sequences than the General Education requirements listed below.

The advisement of students is directed toward fulfillment of requirements for graduation from this campus. **However, since not all courses meet the requirements for programs at other universities, students who plan to graduate from other schools should provide their advisors the appropriate plans from target schools.** This will enable advisors to more effectively advise students while they are attending SWOSU at Sayre. The Associate in Science Degree in General Studies from SWOSU at Sayre meets the articulation agreement for any State of Oklahoma Higher Education institution and will fulfill the General Education requirement of those institutions.

### General Education Requirements For All Associate in Science Degrees

General Education at Southwestern Oklahoma State University at Sayre emphasizes the learning of facts, values, understandings, skills, attitudes, and appreciations believed to be meaningful to all students as they prepare for the future. Desired outcomes of the General Education program include the following.

*Basic skills in communication and mathematics:* the ability to understand the ideas of others; to communicate one's ideas through writing, speech, and symbols; to understand mathematical concepts, principles, symbols, and logic; to think logically, critically, and creatively; and to effectively use computers and other information technologies.

*Appreciation of our scientific heritage:* understanding of the basic laws and concepts of science; a knowledge of the basic methodologies and phenomena of natural science; and the impact of scientific discovery and the ensuing technology on society.

*Appreciation of the fine arts:* knowledge of important individuals and some of their works and an appreciation of aesthetic, technical, symbolic, and historic effects of the fine arts.

*Knowledge of social and intellectual beings and their institutions:* studies of behavioral aspects of individuals and society; past and present world cultures; current social issues and trends; importance of health and wellness; rights and responsibilities of citizens in a democratic society; an understanding of global, social, economic, political, and ecological interdependence; and an appreciation of cultural diversity.

### General Education Guidelines

All students must complete an approved General Education program in order to graduate from a college or university in the Oklahoma State System of Higher Education.

Courses satisfying General Education requirements cannot be used to satisfy requirements in the major.

Some General Education course requirements may be met via CLEP and advanced standing exams. A maximum of 10 credit hours of General Education credit may be waived through alternative courses. All alternative courses must be approved by the Dean and the Registrar. A minimum of six credit hours of approved alternative course work must be completed in an area before a student can be exempt from completing the related General Education course (e.g. complete Economics 2263 and 2363 instead of Economics 1113 or Biology 1104 and 1204 instead of Biology 1004).

Mid-level assessment is accomplished within the general education courses. Faculty use curriculum-embedded methods such as exams, papers, projects, etc. for improvement of instruction.

## Associate in Science Degree General Studies

|   |      |   |
|---|------|---|
| <b>Composition.....6</b>                                  |      |   |
| ENGL  | 1113 | English Composition I   |
| ENGL  | 1213 | English Composition II  |
| <b>Mathematics.....3</b>                                  |      |   |
| MATH  | 1143 | Math Concepts   |
| MATH  | 1513 | College Algebra (required for Elementary Education majors)      |
| <b>Computer Applications.....3</b>                        |      |   |
| COMSC   | 1023 | Computers and Information Access                                |
| <b>Natural Sciences.....8</b>                             |      |   |
| BIOL  | 1004 | Biological Concepts (required)                                  |
| SCI   | 1514 | Concepts of Physical Science                                    |
| ASTRO   | 1904 | Astronomy   |
| GEOL  | 1934 | Physical Geology  |
| CHEM  | 1004 | General Chemistry   |
| <b>Humanities &amp; Fine Arts.....6</b>                   |      |   |
| ART   | 1223 | Art Survey  |
| LIT   | 2413 | Intro to Literature (required for education majors)             |
| MUSIC   | 1013 | Introduction to Music   |
| PHILO   | 1453 | Introduction to Philosophy                                      |
| COMM  | 1313 | Introduction to Public Speaking (required for education majors) |
| <b>U.S. History &amp; Government.....6</b>                |      |   |
| POLSC   | 1103 | American Government & Politics                                  |
| HIST  | 1063 | U.S. History  |
| <b>Economic &amp; International Studies.....6</b>         |      |   |
| HIST  | 1033 | World History (required for education majors)                   |
| GEOG  | 1103 | World Cultural Geography (required for education majors)        |
| ECONO   | 2263 | Introduction to Macroeconomics OR                               |
| ECONO   | 2363 | Introduction to Microeconomics                                  |
| <b>Behavioral, Social, &amp; Cultural Studies.....6-7</b> |      |   |
| PSYCH   | 1003 | General Psychology (required for education majors)              |
| SOCIO   | 1003 | Intro to Sociology  |
|   | 4    | World Languages   |
| KINES   | 1133 | Wellness Concepts & Exercise Applications                       |
| <b>Electives.....15-16</b>                                |      |   |
| Elective Courses to Complete Degree                       |      |   |

**NOTE:** Students who plan to work toward a bachelor's degree and know what their major will be should contact that department on the Weatherford campus for information regarding specific coursework that should be completed by the end of the sophomore year as elective credit, or they should contact their advisor on the Sayre campus and ask about specific electives they might take for their declared major since some of those electives may be available through interactive video courses and other distance education alternatives.

## Associate in Science Degree General Business

This program provides a background in business education to prepare students for immediate employment or for further course work toward a higher degree in the field of business.

|   |      |  |
|---|------|--|
| <b>Composition.....6</b>                                  |      |  |
| ENGL  | 1113 | English Composition I                      |
| ENGL  | 1213 | English Composition II                     |
| <b>Mathematics.....3</b>                                  |      |  |
| MATH  | 1513 | College Algebra                            |
| <b>Computer Applications.....3</b>                        |      |  |
| COMSC   | 1023 | Computers and Information Access           |
| <b>Natural Sciences.....8</b>                             |      |  |
| BIOL  | 1004 | Biological Concepts (required)             |
| SCI   | 1514 | Concepts of Physical Science               |
| ASTRO   | 1904 | Astronomy                                  |
| GEOL  | 1934 | Physical Geology                           |
| CHEM  | 1004 | General Chemistry                          |
| <b>Humanities &amp; Fine Arts.....6</b>                   |      |  |
| ART   | 1223 | Art Survey                                 |
| LIT   | 2413 | Intro to Literature                        |
| MUSIC   | 1013 | Introduction to Music                      |
| PHILO   | 1453 | Introduction to Philosophy                 |
| COMM  | 1313 | Intro to Public Speaking (required)        |
| <b>U.S. History &amp; Government.....6</b>                |      |  |
| POLSC   | 1103 | American Government & Politics             |
| HIST  | 1063 | U.S. History                               |
| <b>Economic &amp; International Studies.....6</b>         |      |  |
| HIST  | 1033 | World History                              |
| GEOG  | 1103 | World Cultural Geography                   |
| ECONO   | 2263 | Introduction to Macroeconomics OR          |
| ECONO   | 2363 | Introduction to Microeconomics             |
| <b>Behavioral, Social, &amp; Cultural Studies.....6-7</b> |      |  |
| PSYCH   | 1003 | General Psychology (required)              |
| SOCIO   | 1003 | Intro to Sociology                         |
|   | 4    | World Languages                            |
| KINES   | 1133 | Wellness Concepts & Exercise Applications  |
| <b>Business Electives.....15-16</b>                       |      |  |
| COMSC   | 1033 | Computer Science I                         |
| COMSC   | 1053 | Computer Science II                        |
| GEBUS   | 1123 | Intro to Business                          |
| COMSC   | 1433 | Visual Basic Programming                   |
| COMSC   | 2011 | PC Software                                |
| ACCTG   | 2213 | Principles of Financial Accounting*        |
| GEBUS   | 2253 | Business Communications*                   |
| ECONO   | 2263 | Introduction to Macroeconomics* (required) |
| GEBUS   | 2273 | Business Math/Office Machines              |
| ACCTG   | 2313 | Principles of Managerial Accounting *      |
| ECONO   | 2363 | Introduction to Microeconomics* (required) |
| GEBUS   | 2723 | Computer Business Applications*            |
| COMSC   | 2813 | Web Development                            |
| GEBUS   | 3123 | Legal Environment of Business*             |
| MRKTG   | 3143 | Marketing*                                 |
| MNGMT   | 3233 | Management*                                |

\* Courses which are required for the bachelor's degree in business on the main campus of SWOSU in Weatherford. 3000 & 4000 level courses offered via interactive video from Weatherford.



## Associate in Science Degree General Studies with Emphasis on Pre-Nursing

|   |     |
|---|-----|
| <b>Composition</b> .....                                | 6   |
| ENGL 1113 English Composition I                         |     |
| ENGL 1213 English Composition II                        |     |
| <b>Mathematics</b> .....                                | 3   |
| MATH 1513 College Algebra                               |     |
| <b>Computer Applications</b> .....                      | 3   |
| COMSC 1023 Computers and Information Access             |     |
| <b>Natural Sciences</b> .....                           | 8   |
| BIOL 1004 Biological Concepts                           |     |
| CHEM 1004 General Chemistry                             |     |
| <b>Humanities &amp; Fine Arts</b> .....                 | 6   |
| PHILO 1453 Introduction to Philosophy                   |     |
| COMM 1313 Intro to Public Speaking                      |     |
| <b>U.S. History &amp; Government</b> .....              | 6   |
| POLSC 1103 American Government & Politics               |     |
| HIST 1063 U.S. History                                  |     |
| <b>Economic &amp; International Studies</b> .....       | 6   |
| HIST 1033 World History                                 |     |
| GEOG 1103 World Cultural Geography                      |     |
| ECONO 2263 Introduction to Macroeconomics OR            |     |
| ECONO 2363 Introduction to Microeconomics               |     |
| <b>Behavioral, Social, &amp; Cultural Studies</b> ..... | 6-7 |
| PSYCH 1003 General Psychology (required)                |     |
| SOCIO 1003 Intro to Sociology                           |     |
| ___4 World Languages                                    |     |
| <b>Pre-Professional Requirements</b> .....              | 24  |
| BIOL 2104 Human Anatomy                                 |     |
| NURS 2212 Intro to Professional Nursing                 |     |
| BIOL 2304 Human Physiology                              |     |
| PSYCH 2313 Developmental Psychology                     |     |
| ALHLT 2355 Microbiology                                 |     |
| PSYCH 2443 Psychological Statistics                     |     |
| ALHLT 2443 Medical Terminology                          |     |

Pre-Professional courses may be taken on the Weatherford campus or via interactive video on the Sayre campus.

**NOTE:** Students who plan to work toward a bachelor's degree and know what their major will be should contact that department on the Weatherford campus for information regarding specific coursework that should be completed by the end of the sophomore year as elective credit, or they should contact their advisor on the Sayre campus and ask about specific electives they might take for their declared major since some of those electives may be available through interactive video courses and other distance education alternatives.

## Associate in Science Degree Computer Science

|   |     |
|---|-----|
| <b>Composition</b> .....                                | 6   |
| ENGL 1113 English Composition I                         |     |
| ENGL 1213 English Composition II                        |     |
| <b>Mathematics</b> .....                                | 3   |
| MATH 1513 College Algebra                               |     |
| <b>Computer Applications</b> .....                      | 3   |
| COMSC 1023 Computers and Information Access             |     |
| <b>Natural Sciences</b> .....                           | 8   |
| BIOL 1004 Biological Concepts (required)                |     |
| SCI 1514 Concepts of Physical Science                   |     |
| ASTRO 1904 Astronomy                                    |     |
| GEOL 1934 Physical Geology                              |     |
| CHEM 1004 General Chemistry                             |     |
| <b>Humanities &amp; Fine Arts</b> .....                 | 6   |
| ART 1223 Art Survey                                     |     |
| LIT 2413 Intro to Literature                            |     |
| MUSIC 1013 Introduction to Music                        |     |
| PHILO 1453 Introduction to Philosophy                   |     |
| COMM 1313 Intro to Public Speaking (required)           |     |
| <b>U.S. History &amp; Government</b> .....              | 6   |
| POLSC 1103 American Government & Politics               |     |
| HIST 1063 U.S. History                                  |     |
| <b>Economic &amp; International Studies</b> .....       | 6   |
| HIST 1033 World History                                 |     |
| GEOG 1103 World Cultural Geography(required)            |     |
| ECONO 2263 Introduction to Macroeconomics OR            |     |
| ECONO 2363 Introduction to Microeconomics               |     |
| <b>Behavioral, Social, &amp; Cultural Studies</b> ..... | 6-7 |
| PSYCH 1003 General Psychology                           |     |
| SOCIO 1003 Intro to Sociology(required)                 |     |
| ___4 World Languages                                    |     |
| KINES 1133 Wellness Concepts & Exercise Applications    |     |
| <b>Degree Program Core Courses</b> .....                | 15  |
| COMSC 1033 Computer Science I                           |     |
| COMSC 1053 Computer Science II                          |     |
| COMSC 1433 Visual Basic Programming                     |     |
| COMSC 2063 Operating Environments                       |     |
| COMSC 2153 Intro to Networking                          |     |
| COMSC 2053 Java Programming                             |     |
| <b>Guided Electives</b> .....                           | 1-3 |
| MATH 1613 College Trigonometry                          |     |
| COMSC 2813 Web Development                              |     |
| COMSC 2213 Web Site Design                              |     |
| ACCTG 2213 Principals of Financial Accounting           |     |
| GEBUS 2253 Business Communications                      |     |
| ACCTG 2313 Principles of Managerial Accounting          |     |
| GEBUS 2723 Computer Business Applications               |     |

## Associate in Science Degree Criminal Justice – Corrections

|   |      |   |
|---|------|---|
| <b>Composition.....6</b>                                  |      |   |
| ENGL  | 1113 | English Composition I                                 |
| ENGL  | 1213 | English Composition II                                |
| <b>Mathematics.....3</b>                                  |      |   |
| MATH  | 1143 | Math Concepts   |
| MATH  | 1513 | College Algebra                                       |
| <b>Computer Applications.....3</b>                        |      |   |
| COMSC   | 1023 | Computers and Information Access                      |
| <b>Natural Sciences.....8</b>                             |      |   |
| BIOL  | 1004 | Biological Concepts (required)                        |
| SCI   | 1514 | Concepts of Physical Science                          |
| ASTRO   | 1904 | Astronomy   |
| GEOL  | 1934 | Physical Geology                                      |
| CHEM  | 1004 | General Chemistry                                     |
| <b>Humanities &amp; Fine Arts.....6</b>                   |      |   |
| ART   | 1223 | Art Survey  |
| LIT   | 2413 | Intro to Literature                                   |
| MUSIC   | 1013 | Introduction to Music                                 |
| PHILO   | 1453 | Introduction to Philosophy                            |
| COMM  | 1313 | Intro to Public Speaking                              |
| <b>U.S. History &amp; Government.....6</b>                |      |   |
| POLSC   | 1103 | American Government & Politics                        |
| HIST  | 1063 | U.S. History  |
| <b>Economic &amp; International Studies.....6</b>         |      |   |
| HIST  | 1033 | World History   |
| GEOG  | 1103 | World Cultural Geography                              |
| ECONO   | 2263 | Introduction to Macroeconomics OR                     |
| ECONO   | 2363 | Introduction to Microeconomics                        |
| <b>Behavioral, Social, &amp; Cultural Studies.....6-7</b> |      |   |
| PSYCH   | 1003 | General Psychology                                    |
| SOCIO   | 1003 | Intro to Sociology(required)                          |
|   | 4    | World Languages                                       |
| KINES   | 1133 | Wellness Concepts & Exercise Applications             |
| <b>Technical Occupational Specialty Courses.....16-18</b> |      |   |
| CRMJS   | 1113 | Introduction to Criminal Justice                      |
| SOCIO   | 2103 | Social Problems                                       |
| PSYCH   | 2313 | Developmental Psychology                              |
| POLSC   | 2623 | Criminal Law & Procedure                              |
| POLSC   | 2803 | Judicial Process                                      |
| CRMJS   | 2503 | Criminal Justice Administration                       |
| SPAN  | 1054 | Elementary Spanish I (required for Bachelor's degree) |
| KINES   | 1133 | Wellness Concepts & Exercise Applications             |

## Associate in Science Degree General Studies with Emphasis on Exceptional Learning Needs Paraprofessionals

|   |      |   |
|---|------|---|
| <b>Composition.....6</b>                                  |      |   |
| ENGL  | 1113 | English Composition I   |
| ENGL  | 1213 | English Composition II  |
| <b>Mathematics.....3</b>                                  |      |   |
| MATH  | 1143 | Math Concepts   |
| MATH  | 1513 | College Algebra   |
| <b>Computer Applications.....3</b>                        |      |   |
| COMSC   | 1023 | Computers and Information Access  |
| <b>Natural Sciences.....8</b>                             |      |   |
| BIOL  | 1004 | Biological Concepts (required)  |
| SCI   | 1514 | Concepts of Physical Science  |
| ASTRO   | 1904 | Astronomy   |
| GEOL  | 1934 | Physical Geology  |
| CHEM  | 1004 | General Chemistry   |
| <b>Humanities &amp; Fine Arts.....6</b>                   |      |   |
| ART   | 1223 | Art Survey  |
| LIT   | 2413 | Intro to Literature   |
| MUSIC   | 1013 | Introduction to Music   |
| PHILO   | 1453 | Introduction to Philosophy  |
| COMM  | 1313 | Intro to Public Speaking(required)  |
| <b>U.S. History &amp; Government.....6</b>                |      |   |
| POLSC   | 1103 | American Government & Politics  |
| HIST  | 1063 | U.S. History  |
| <b>Economic &amp; International Studies.....6</b>         |      |   |
| HIST  | 1033 | World History   |
| GEOG  | 1103 | World Cultural Geography  |
| <b>Behavioral, Social, &amp; Cultural Studies.....6-7</b> |      |   |
| PSYCH   | 1003 | General Psychology (required)   |
| SOCIO   | 1003 | Intro to Sociology  |
|   | 4    | World Languages   |
| KINES   | 1133 | Wellness Concepts & Exercise Applications                                 |
| <b>Program Requirements.....14</b>                        |      |   |
| EDUC  | 2012 | Seminar in Special Education Law  |
| EDUC  | 2023 | Intro to Students with Mild/Moderate Disabilities                         |
| EDUC  | 2033 | Curriculum and Techniques for Students with Mild/Moderate Disabilities    |
| EDUC  | 2333 | Methods of Managing Students with Emotional/Behavioral Disorders          |
| EDUC  | 2821 | Practicum-Mild/Moderate Disabilities in a Residential/Educational Setting |
| EDUC  | 2862 | Policies and Procedures in Special Education                              |

**Note:** Students who plan to work toward a bachelor's degree and know what their major will be should contact that department on the Weatherford campus for information regarding specific coursework that should be completed by the end of the sophomore year as elective credit, or they should contact their advisor on the Sayre campus and ask about specific electives they might take for their declared major since some of those electives may be available through interactive video courses and other distance education alternatives.

## Associate in Science Degree Hospitality, Restaurant and Gaming Management

|  |            |
|--|------------|
| <b>Composition.....</b>                                | <b>6</b>   |
| ENGL 1113 English Composition I                        |            |
| ENGL 1213 English Composition II                       |            |
| <b>Mathematics.....</b>                                | <b>3</b>   |
| MATH 1143 Math Concepts                                |            |
| MATH 1513 College Algebra                              |            |
| <b>Computer Applications.....</b>                      | <b>3</b>   |
| COMSC 1023 Computers and Information Access            |            |
| <b>Natural Sciences.....</b>                           | <b>8</b>   |
| BIOL 1004 Biological Concepts (required)               |            |
| SCI 1514 Concepts of Physical Science                  |            |
| ASTRO 1904 Astronomy                                   |            |
| GEOL 1934 Physical Geology                             |            |
| CHEM 1004 General Chemistry                            |            |
| <b>Humanities &amp; Fine Arts.....</b>                 | <b>6</b>   |
| ART 1223 Art Survey                                    |            |
| LIT 2413 Intro to Literature                           |            |
| MUSIC 1013 Introduction to Music                       |            |
| PHILO 1453 Introduction to Philosophy                  |            |
| COMM 1313 Intro to Public Speaking (required)          |            |
| AMIS 2413 American Indians Today                       |            |
| <b>U.S. History &amp; Government.....</b>              | <b>6</b>   |
| POLSC 1103 American Government & Politics              |            |
| HIST 1063 U.S. History                                 |            |
| <b>Economic &amp; International Studies.....</b>       | <b>6</b>   |
| HIST 1033 World History                                |            |
| GEOG 1103 World Cultural Geography                     |            |
| ECONO 2263 Introduction to Macroeconomics OR           |            |
| ECONO 2363 Introduction to Microeconomics              |            |
| <b>Behavioral, Social, &amp; Cultural Studies.....</b> | <b>6-7</b> |
| PSYCH 1003 General Psychology (required)               |            |
| SOCIO 1003 Intro to Sociology                          |            |
| ___ 4 World Languages                                  |            |
| <b>Business.....</b>                                   | <b>3</b>   |
| ACCTG 2213 Principles of Financial Accounting          |            |
| GEBUS 2253 Business Communications                     |            |
| GEBUS 2273 Business Mathematics-Office Machines        |            |
| <b>Management.....</b>                                 | <b>3</b>   |
| HOSP 1003 Intro to Hotel, Restaurant & Gaming Mgmt     |            |
| <b>Degree Program Core.....</b>                        | <b>15</b>  |
| Option I Specialty: Hospitality                        |            |
| HOSP 2103 Guest Relations & Customer Service           |            |
| HOSP 2113 Legal Issues in Hospitality                  |            |
| HOSP 2123 Lodging Operations                           |            |
| HOSP 2133 Hospitality Cooperative Work Experience      |            |
| 3 Hours of electives chosen from Options II or III     |            |
| Option II Specialty: Restaurant                        |            |
| HOSP 2203 Foodservice Sanitation & Nutrition           |            |
| HOSP 2213 Restaurant Management                        |            |
| HOSP 2223 Dining Room Operations & Services            |            |
| HOSP 2233 Culinary Arts Internship                     |            |
| 3 Hours of electives chosen from Options I or III      |            |
| Option II Specialty: Gaming                            |            |
| HOSP 2303 Basic Room & Gaming Operations               |            |
| HOSP 2313 Game Operation & Protection                  |            |
| HOSP 2323 Legal Issues in Gaming                       |            |
| HOSP 2333 Gaming Internship                            |            |
| 3 Hours of electives chosen from Option I or II        |            |

## Associate in Science Degree Wild Land Firefighting

|  |           |
|--|-----------|
| <b>Composition.....</b>                                | <b>6</b>  |
| ENGL 1113 English Composition I                        |           |
| ENGL 1213 English Composition II                       |           |
| <b>Mathematics.....</b>                                | <b>3</b>  |
| MATH 1143 Math Concepts                                |           |
| MATH 1513 College Algebra                              |           |
| <b>Computer Applications.....</b>                      | <b>3</b>  |
| COMSC 1023 Computers and Information Access            |           |
| <b>Natural Sciences.....</b>                           | <b>8</b>  |
| BIOL 1004 Biological Concepts (required)               |           |
| SCI 1514 Concepts of Physical Science                  |           |
| ASTRO 1904 Astronomy                                   |           |
| GEOL 1934 Physical Geology                             |           |
| CHEM 1004 General Chemistry                            |           |
| <b>Humanities &amp; Fine Arts.....</b>                 | <b>6</b>  |
| ART 1223 Art Survey                                    |           |
| LIT 2413 Intro to Literature                           |           |
| MUSIC 1013 Introduction to Music                       |           |
| PHILO 1453 Introduction to Philosophy                  |           |
| COMM 1313 Intro to Public Speaking                     |           |
| <b>U.S. History &amp; Government.....</b>              | <b>6</b>  |
| POLSC 1103 American Government & Politics              |           |
| HIST 1063 U.S. History                                 |           |
| <b>Economic &amp; International Studies.....</b>       | <b>6</b>  |
| HIST 1033 World History                                |           |
| GEOG 1103 World Cultural Geography                     |           |
| ECONO 2263 Introduction to Macroeconomics OR           |           |
| ECONO 2363 Introduction to Microeconomics              |           |
| <b>Behavioral, Social, &amp; Cultural Studies.....</b> | <b>6</b>  |
| PSYCH 1003 General Psychology (required)               |           |
| KINES 1133 Wellness Concepts & Exercise                |           |
| <b>Degree Program Core.....</b>                        | <b>16</b> |
| NRM 2103 Wildland Fire Management                      |           |
| NRM 2212 Advanced Firefighting Methods                 |           |
| NRM 2122 Ignition Operations                           |           |
| NRM 2132 Fireline Leadership & ICS                     |           |
| KINES 2212 First Aid                                   |           |
| NRM 2995 Intership in Wildland Fire Mgmt (200 hours)   |           |

## Associate in Applied Science Degree Medical Laboratory Technician

This program is designed to prepare students for entry level positions as medical laboratory technicians. To enter the program, students must meet the general admission requirements of the University as well as meet with program faculty for advisement and enrollment. Information packets are available from program faculty, registrar or website. Upon satisfactory completion of the MLT program, graduates will receive the Associate in Applied Science Degree and are eligible to sit for the American Medical Technologists' national MLT registry. Students must complete the program with a minimum 2.0 GPA.

|                                      |      |                                |           |
|--------------------------------------|------|--------------------------------|-----------|
| <b>Composition</b>                   |      |                                | <b>6</b>  |
| ENGL                                 | 1113 | English Composition I          |           |
| ENGL                                 | 1213 | English Composition II         |           |
| <b>Mathematics</b>                   |      |                                | <b>3</b>  |
| MATH                                 | 1103 | Intermediate Algebra OR        |           |
| MATH                                 | 1513 | College Algebra                |           |
| <b>Natural Sciences</b>              |      |                                | <b>12</b> |
| BIOL                                 | 1004 | Biological Concepts            |           |
| BIOL                                 | 2503 | Parasitology                   |           |
| BIOL                                 | 2205 | Human Anatomy & Physiology     |           |
| <b>Chemistry</b>                     |      |                                | <b>8</b>  |
| CHEM                                 | 1004 | General Chemistry              |           |
| CHEM                                 | 2044 | Clinical Chemistry             |           |
| <b>U.S. History &amp; Government</b> |      |                                | <b>6</b>  |
| POLSC                                | 1103 | American Government & Politics |           |
| HIST                                 | 1063 | U.S. History                   |           |
| <b>Allied Health</b>                 |      |                                | <b>41</b> |
| ALHLT                                | 1034 | Hematology I & Phlebotomy      |           |
| ALHLT                                | 1044 | Hematology II                  |           |
| ALHLT                                | 1202 | Urinalysis & Body Fluids       |           |
| ALHLT                                | 1314 | Lab Clinical I                 |           |
| ALHLT                                | 2024 | Lab Clinical II                |           |
| ALHLT                                | 2033 | Blood Banking                  |           |
| ALHLT                                | 2104 | Lab Clinical III               |           |
| ALHLT                                | 2355 | Microbiology                   |           |
| ALHLT                                | 2404 | Pathogenic Microbiology        |           |
| ALHLT                                | 2412 | Immunology and Serology        |           |
| ALHLT                                | 2441 | Registry Preparation I         |           |
| ALHLT                                | 2541 | Registry Preparation II        |           |
| ALHLT                                | 2443 | Medical Terminology            |           |

**NOTE:** This program requires specific course sequencing, so students interested in the MLT degree program should see program advisors for proper enrollment.

**NOTE:** Only students who meet graduation requirements may sit for the national registry. Immunization against Hepatitis B is required before entrance into the MLT program. A physical examination is required before entering the clinical practicum.

## Associate in Applied Science Degree Radiologic Technology (X-Ray)

This program is designed to prepare students to function as radiologic technologists. A separate application for admission to the Radiologic Technology Program must be submitted by established deadlines. Acceptance into the program is based upon ACT/SAT scores, grade-point averages, interviews, transcripts and other evidence of potential for success in the program. Application packages can be requested from program faculty or be downloaded from the SWOSU web site ([www.swosu.edu](http://www.swosu.edu)). Admission to the program is a prerequisite for all professional courses listed under program requirements. Upon satisfactory completion of the course requirements, the student will receive the AAS Degree and is eligible to apply for the American Registry of Radiologic Technologists exam. Students must complete the course of study with a 2.0 GPA. **NOTE:** This program requires specific course sequencing. Students interested in the program should see a member of program faculty for proper enrollment.

|                                      |      |                                   |           |
|--------------------------------------|------|-----------------------------------|-----------|
| <b>Composition</b>                   |      |                                   | <b>6</b>  |
| ENGL                                 | 1113 | English Composition I             |           |
| ENGL                                 | 1213 | English Composition II            |           |
| <b>Mathematics</b>                   |      |                                   | <b>3</b>  |
| MATH                                 | 1433 | Math Concepts OR                  |           |
| MATH                                 | 1513 | College Algebra                   |           |
| <b>Natural Sciences</b>              |      |                                   | <b>5</b>  |
| BIOL                                 | 2205 | Human Anatomy & Physiology        |           |
| <b>U.S. History &amp; Government</b> |      |                                   | <b>6</b>  |
| POLSC                                | 1103 | American Government & Politics    |           |
| HIST                                 | 1063 | U.S. History                      |           |
| <b>Allied Health</b>                 |      |                                   | <b>3</b>  |
| ALHLT                                | 2443 | Medical Terminology               |           |
| <b>Program Requirements</b>          |      |                                   | <b>56</b> |
| ALHLT                                | 1021 | Radiation Safety & Protection     |           |
| ALHLT                                | 1053 | Radiographic Positioning I        |           |
| ALHLT                                | 1062 | Intro to Radiologic Technology    |           |
| ALHLT                                | 1071 | Patient Care                      |           |
| ALHLT                                | 1082 | Radiographic Exposure I           |           |
| ALHLT                                | 1116 | Clinical Practice I               |           |
| ALHLT                                | 1126 | Clinical Practice II              |           |
| ALHLT                                | 1131 | Radiographic Exposure II          |           |
| ALHLT                                | 1142 | Imaging and Processing            |           |
| ALHLT                                | 1151 | Radiographic Positioning II       |           |
| ALHLT                                | 1162 | Radiologic Pathology              |           |
| ALHLT                                | 2116 | Clinical Practice III             |           |
| ALHLT                                | 2223 | Intro to Radiologic Physics       |           |
| ALHLT                                | 2121 | Radiation Biology                 |           |
| ALHLT                                | 2132 | Special Procedures and Modalities |           |
| ALHLT                                | 2142 | Film Recognition & Critique       |           |
| ALHLT                                | 2216 | Clinical Practice IV              |           |
| ALHLT                                | 2231 | Quality Assurance & Control       |           |
| ALHLT                                | 2221 | Registry Preparation I            |           |
| ALHLT                                | 2242 | Registry Preparation II           |           |
| ALHLT                                | 2315 | Clinical Practice V               |           |



## Associate in Applied Science Degree Occupational Therapy Assistant

The prerequisite general education and technical occupational support courses must be completed prior to admission. The Caddo-Kiowa Technology Center (CKTC), Ft. Cobb, Oklahoma conducts the occupational specialty courses. An application packet, obtained from CKTC, must be completed prior to initiating the program according to established deadlines. Admission to the OTA "specialty" program will be based on university GPA, references, personal interviews and other evidence of potential success in the field of O.T. The OTA program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220, phone: 301-652-AOTA. Graduates of the program will be eligible to take the national certification examination given by the National Board for Certification in Occupational Therapy. After successful completion of this exam, the OTA student will be a Certified Occupational Therapy Assistant (COTA) and may apply for state licensure through the State Board of Medical Licensure and Supervision.

|   |    |
|---|----|
| <b>Composition</b> .....                                | 6  |
| ENGL 1113 English Composition I                         |    |
| ENGL 1213 English Composition II                        |    |
| <b>Mathematics</b> .....                                | 3  |
| MATH 1433 Math Concepts OR                              |    |
| MATH 1513 College Algebra                               |    |
| <b>Behavioral, Social, &amp; Cultural Studies</b> ..... | 3  |
| PSYCH 1003 General Psychology                           |    |
| <b>Natural Sciences</b> .....                           | 12 |
| BIOL 1004 Biological Concepts                           |    |
| BIOL 2104 Human Anatomy*                                |    |
| BIOL 2304 Human Physiology*                             |    |
| <b>U.S. History &amp; Government</b> .....              | 6  |
| POLSC 1103 American Government & Politics               |    |
| HIST 1063 U.S. History                                  |    |
| <b>Technical Occupational Support Courses</b> .....     | 6  |
| PSYCH 2313 Developmental Psychology                     |    |
| ALHLT 2443 Medical Terminology                          |    |
| <b>Technical Occupational Specialty Courses</b> .....   | 30 |
| ALHLT 1013 Introduction to Occupational Therapy         |    |
| ALHLT 1023 Kinesiology for OTA                          |    |
| ALHLT 1102 Therapeutic Media                            |    |
| ALHLT 2002 Health Care & Occupational Therapy Mgmt      |    |
| ALHLT 2022 Fieldwork IA                                 |    |
| ALHLT 2102 Therapeutic Activities                       |    |
| ALHLT 2122 Fieldwork IB                                 |    |
| ALHLT 2113 Physical Dysfunction/Treatment Techniques    |    |
| ALHLT 2133 Pediatric Care in Occupational Therapy       |    |
| ALHLT 2143 Elder Care in Occupational Therapy           |    |
| ALHLT 2153 Psychosocial Dysf/Treatment Techniques       |    |
| ALHLT 2212 Disease Pathology                            |    |
| <b>Technical Occupational Related Courses</b> .....     | 12 |
| ALHLT 2206 Fieldwork IIA                                |    |
| ALHLT 2216 Fieldwork IIB                                |    |

**Note:** Fieldwork II must be completed within 18 months following completion of course work.

\*See program director regarding course substitutions.

## Associate in Applied Science Degree Physical Therapist Assistant

This degree is awarded through Southwestern Oklahoma State University (SWOSU) at the Sayre campus. The general education and technical occupational "support" courses may be taken at SWOSU Sayre and/or Weatherford. The technical occupational "specialty" courses will be conducted by the Caddo-Kiowa Technology Center (CKTC), Fort Cobb, OK. Students will enroll at the campus offering each component of the program and must pay all required fees and tuition. Admission to the PTA "specialty" course program at the CKTC is competitive and requires completion of the application packet prior to established deadlines. The application packet is obtained from the CKTC, and returned to the Associate Dean of the School of Allied Health, SWOSU, Weatherford. Admission to the PTA "specialty" program will be based on university or college grade point averages, references, observations, and personal interviews of the top applicants. Candidates selected for the PTA program must complete all admission requirements to Southwestern Oklahoma State University prior to initiating the program. After completing the PTA program, graduates will be eligible to take the PTA National Licensure Exam.

|   |    |
|---|----|
| <b>Composition</b> .....                                | 6  |
| ENGL 1113 English Composition I                         |    |
| ENGL 1213 English Composition II                        |    |
| <b>Mathematics</b> .....                                | 3  |
| MATH 1433 Math Concepts OR                              |    |
| MATH 1513 College Algebra                               |    |
| <b>Behavioral, Social, &amp; Cultural Studies</b> ..... | 3  |
| PSYCH 1003 General Psychology                           |    |
| <b>Natural Sciences</b> .....                           | 12 |
| BIOL 1004 Biological Concepts                           |    |
| BIOL 2104 Human Anatomy*                                |    |
| BIOL 2304 Human Physiology*                             |    |
| <b>U.S. History &amp; Government</b> .....              | 6  |
| POLSC 1103 American Government & Politics               |    |
| HIST 1063 U.S. History                                  |    |
| <b>Technical Occupational Support Courses</b> .....     | 7  |
| KINES 2212 First Aid & CPR                              |    |
| ALHLT 2443 Medical Terminology                          |    |
| _____ 2 Two Hours Elective courses                      |    |
| <b>Technical Occupational Specialty Courses</b> .....   | 29 |
| ALHLT 1012 Introduction to Physical Therapy             |    |
| ALHLT 1023 Basic Human Needs                            |    |
| ALHLT 1113 Threats to Basic Human Needs                 |    |
| ALHLT 1213 Pain Management I                            |    |
| ALHLT 1224 Therapeutic Exercise I                       |    |
| ALHLT 2013 Pain Management II                           |    |
| ALHLT 2024 Therapeutic Exercise II                      |    |
| ALHLT 2112 PTA Systems/Problems                         |    |
| ALHLT 2032 Practicum I                                  |    |
| ALHLT 2133 Practicum II                                 |    |

**NOTE:** After completing the requirements for the degree, graduates will be eligible to take the national licensure examination for Physical Therapist Assistants.

Admission to SWOSU or Caddo-Kiowa Technology Center does not guarantee admission to the Physical Therapist Assistant Program.

\*See program director regarding course substitutions.

## Associate in Applied Science Degree Criminal Justice – Corrections

This degree program prepares students for entry level positions as corrections officers in either the public or the private sectors of the corrections industry, but does not adequately prepare students who wish to pursue a baccalaureate degree in criminal justice.

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

**Mathematics .....3**  
MATH 1433 Math Concepts OR  
MATH 1513 College Algebra

**Behavioral, Social, & Cultural Studies .....3**  
PSYCH 1003 General Psychology

**U.S. History & Government .....6**  
POLSC 1103 American Government & Politics  
HIST 1063 U.S. History

**Technical Occupational Support Courses .....15**  
SOCIO 1003 Intro to Sociology (required)  
COMSC 1023 Computers & Information Access  
SPAN 1054 Elementary Spanish I  
CRMJS 1113 Intro to Criminal Justice  
SOCIO 2103 Social Problems  
PSYCH 2313 Developmental Psychology  
CRMJS 2443 Criminal Law II  
CRMJS 2453 Probation, Parole & Community  
CRMJS 2503 Criminal Law & Procedure  
CRMJS 2803 Judicial Process

**Technical Occupational Specialty Courses.....22**  
CRMJS 1003 Intro to Corrections Procedures  
CRMJS 1013 Corrections Officer Physical Training  
CRMJS 1103 Issues in Correctional Procedures  
CRMJS 1114 Environmental Security Procedures  
CRMJS 1123 Communications for Corrections Officers  
CRMJS 1203 Corrections Officer Protections Proc. I  
CRMJS 1213 Corrections Officer Protections Proc. II

**Technical Occupational Related Course.....10**  
CRMJS 2005 Practicum I  
CRMJS 2015 Practicum II

# CHEYENNE AND ARAPAHO TRIBAL COLLEGE

## FACULTY/STAFF

Dr. Henrietta Mann, President  
Science Building, Room 104-D  
Phone: (580) 774-3139  
E-mail: [henrietta.mann@swosu.edu](mailto:henrietta.mann@swosu.edu)

<http://www.swosu.edu/catc/>

|                     |                 |  |                |
|---------------------|-----------------|--|----------------|
| A. Whiteman .....   | SCI 104-E ..... | <a href="mailto:alden.whiteman@swosu.edu">alden.whiteman@swosu.edu</a> .....     | (580) 774-3141 |
| G. Wilcox .....     | SCI 104-C ..... | <a href="mailto:gail.wilcox@swosu.edu">gail.wilcox@swosu.edu</a> .....           | (580) 774-3139 |
| J. Boswell .....    | SCI 104-B ..... | <a href="mailto:janice.boswell@swosu.edu">janice.boswell@swosu.edu</a> .....     | (580) 774-6026 |
| C. Whiteskunk ..... | SCI 104 .....   | <a href="mailto:carol.whiteskunk@swosu.edu">carol.whiteskunk@swosu.edu</a> ..... | (580) 774-3742 |

## PROGRAMS GOALS

1. To provide the basic skills and knowledge needed by all students who are preparing for a productive life in a rapidly changing diverse technological world.
2. To provide a quality cultural based and academically rigorous general education.
3. To enhance traditional tribal knowledge.
4. To enhance quality of life.
5. To enhance the status of American Indians in contemporary America
6. To provide a supportive additional field of study for students in other academic areas.

The Cheyenne and Arapaho Tribal College is the national academic sanctuary and the home of traditional tribal knowledge which promotes the strong values that have always guided the hearts and minds of the people and which honors the treasured human gifts the ability to think, to hear, to speak, to feel, and to walk on this good Earth.

## PROGRAMS OF STUDY

**Majors:** A.S. Tribal Administration  
A.S. General Studies  
American Indian Studies Emphasis  
General Studies Emphasis

**\*\*Any student who qualifies for an Associate's Degree from Southwestern Oklahoma State University may also earn an Associate's Degree from the Cheyenne and Arapaho Tribal College.**

The mission of the Cheyenne and Arapaho Tribal College (CATC) is to provide a quality cultural based and academically rigorous general education for tribal and non-tribal citizens. The main focus is upon traditional tribal knowledge, quality of life and enhancing the status of American Indians in contemporary America.

Based upon its mission, the tribal college is student-centered, and maintains the connection between the cultural past, present, and future.

## GENERAL INFORMATION

"Having walked through the playfulness of childhood, young people must seek a meaning to life and their place in it, which is their time to be educated in a way that balances contemporary education with ancient systems of knowledge in a safe place such as the Cheyenne and Arapaho Tribal College that celebrates the languages, histories, art, philosophies, social institutions, and culture of the *Tsistsistas* and *Hinónóéi*."

On one's educational journey, two milestones are graduation from high school and obtaining a college degree. Wanting to make the opportunity for higher education more accessible, in 2003 *Tsistsistas* and *Hinónóéi* called for the development and establishment of a tribal college. This tribal council action demonstrated the people's support for education and created the opportunity for tribal members to realize their dreams of attending and graduating from college.

It must be remembered that this commitment to education began on October 28, 1867 when the Cheyennes and Arapahos signed the Medicine Lodge Treaty. One hundred and forty-one years ago, our traditional leaders committed us to the *vi'ho'i* form of education, and it has been that way since.

Our grandparents chose this land where we were to put down our cultural and spiritual roots as two allied nations. They brought us to this our beloved homeland, Cheyenne and Arapaho territory. They looked far into the future and recognized that the tribes were moving into a new place and a different time.

We live in that different time. Because of our great respect for the ways of our grandparents, the Cheyenne and Arapaho Tribal College curricula consists of two parallel tracks. One track is traditional *Tsistsistas* and *Hinónóéi* knowledge beginning with language and culture that honors our cultural ways passed down through time. The other is a general *vi'ho'i* education that prepares its students for living in the 21<sup>st</sup> century.

Education is the key to a better tomorrow. It opens one's mind to global horizons, and it is a means for building healthy lives and strengthening communities. Such a balanced education also results in students who nurture a strong sense of identity and who have acquired the skills and knowledge necessary for living in mainstream America. In short, education is preparation for life in both a cultural and contemporary sense.

For more information, visit our web site at:  
<http://www.swosu.edu/catc/>

## Associate in Science Degree General Studies with Emphasis on American Indian Studies

|   |         |   |
|---|---------|---|
| <b>Composition.....6</b>                                  |         |   |
| ENGL  | 1113    | English Composition I                     |
| ENGL  | 1213    | English Composition II                    |
| <b>Mathematics.....3</b>                                  |         |   |
| MATH  | 1143    | Math Concepts                             |
| MATH  | 1513    | College Algebra                           |
| <b>Computer Applications.....3</b>                        |         |   |
| COMSC   | 1023    | Computers and Information Access          |
| <b>Natural Sciences.....8</b>                             |         |   |
| BIOL  | 1004    | Biological Concepts (required)            |
| SCI   | 1514    | Concepts of Physical Science              |
| ASTRO   | 1904    | Astronomy                                 |
| GEOL  | 1934    | Physical Geology                          |
| CHEM  | 1004    | General Chemistry                         |
| <b>Humanities &amp; Fine Arts.....6</b>                   |         |   |
| ART   | 1223    | Art Survey                                |
| LIT   | 2413    | Intro to Literature                       |
| MUSIC   | 1013    | Introduction to Music                     |
| PHILO   | 1453    | Introduction to Philosophy                |
| COMM  | 1313    | Intro to Public Speaking                  |
| <b>U.S. History &amp; Government.....6</b>                |         |   |
| POLSC   | 1103    | American Government & Politics            |
| HIST  | 1063    | U.S. History                              |
| <b>Economic &amp; International Studies.....6</b>         |         |   |
| HIST  | 1033    | World History                             |
| GEOG  | 1103    | World Cultural Geography                  |
| ECONO   | 2263    | Introduction to Macroeconomics OR         |
| ECONO   | 2363    | Introduction to Microeconomics            |
| <b>Behavioral, Social, &amp; Cultural Studies.....6-7</b> |         |   |
| PSYCH   | 1003    | General Psychology                        |
| SOCIO   | 1003    | Intro to Sociology                        |
|   | 4       | World Languages                           |
| KINES   | 1133    | Wellness Concepts & Exercise Applications |
| <b>Guided Elective Courses.....20</b>                     |         |   |
| AMIS  | 1001    | Introduction to American Indian Studies   |
| AMIS  | 1011 -3 | Seminar in American Indian Studies        |
| KINE  | 1153    | Nutrition                                 |
| AMIS  | 2123    | Tribal Government and Sovereignty         |
| AMIS  | 2004    | (Tribe) - Language                        |
| ART   | 2013    | Art of American Indian                    |
| GEBUS   | 1123    | Introduction to Business                  |
| ACCTG   | 2213    | Principles of Financial Accounting        |
| AMIS  | 2413    | Tribal Economics                          |
| AMIS  | 2133    | Literature of the American Indian         |
| AMIS  | 2603    | (Tribe) History                           |
| AMIS  | 2103    | American Indians Today                    |
| AMIS  | 2403    | Special Topics on the American Indians I  |
| AMIS  | 2001-3  | Ind Study in American Indian Studies      |

## Associate in Science Degree Tribal Administration

|   |         |   |
|---|---------|---|
| <b>Communication.....6</b>                              |         |   |
| ENGL  | 1113    | English Composition I                               |
| ENGL  | 1213    | English Composition II                              |
| <b>Mathematics.....3</b>                                |         |   |
| MATH  | 1143    | Math Concepts                                       |
| MATH  | 1513    | College Algebra                                     |
| <b>Computer Science.....3</b>                           |         |   |
| COMSC   | 1023    | Computers and Information Access                    |
| <b>Natural Sciences.....8</b>                           |         |   |
| BIOL  | 1004    | Biological Concepts (required)                      |
| SCI   | 1514    | Concepts of Physical Science                        |
| ASTRO   | 1904    | Astronomy   |
| GEOL  | 1934    | Physical Geology                                    |
| CHEM  | 1004    | General Chemistry                                   |
| <b>Humanities &amp; Fine Arts.....6</b>                 |         |   |
| COMM  | 1313    | Intro to Public Speaking                            |
| CATC  | 1413    | Am Indian Belief Systems                            |
| <b>History &amp; Political Sciences.....6</b>           |         |   |
| POLSC   | 1103    | American Government & Politics                      |
| HIST  | 1063    | U.S. History  |
| <b>Economic &amp; Tribal Studies.....6</b>              |         |   |
| CATC  | 2133    | Tribal Government I (required)                      |
| ECONO   | 2263    | Introduction to Macroeconomics OR                   |
| ECONO   | 2363    | Introduction to Microeconomics                      |
| <b>Behavioral, Social, &amp; Cultural Science.....7</b> |         |   |
| PSYCH   | 1003    | General Psychology                                  |
| AMIS  | 2004    | (Tribe) - Language I                                |
| <b>Required Courses.....8</b>                           |         |   |
| CATC  | 2062    | Internship  |
| ACCTG   | 2213    | Principles of Financial Accounting                  |
| CATC  | 2413    | Indian Self-Determination Contract Administration I |
| <b>Guided Electives.....9</b>                           |         |   |
| CATC  | 1011 -3 | Seminar in Tribal Administration                    |
| CATC  | 2001-3  | Ind Study in Tribal Administration                  |
| CATC  | 2103    | Budget Operations                                   |
| CATC  | 2123    | Intro to Tribal Administration                      |
| CATC  | 2233    | Tribal Government II                                |
| GEBUS   | 2253    | Business Communications                             |
| ACCTG   | 2313    | Principles of Managerial Accounting                 |
| CATC  | 2313    | Indian Self-Determination & Ed Assistance           |
| CATC  | 2513    | Indian Self-Determination Contract Admin II         |
| CATC  | 2523    | OMB Circulars (Common Laws)                         |



## Course Descriptions

(F = Classes offered in the Fall, S = Classes offered in the Spring, SU = Classes offered in the Summer,  
D = Classes offered upon Demand, O = Odd years, E = Even years)

### Explanation of Course Numbers

The course number indicates the degree of advancement. Generally, courses with the lowest numbers should be completed first. Lower-division courses (1000-2000) are generally considered freshman and sophomore courses. Upper-division courses (3000-4000) are generally considered junior and senior courses, these may be taken on the Weatherford campus or on the Sayre campus via Interactive Video.

Prerequisites are noted by bold print.

### ART AND SCIENCES

#### ART

##### ART 1113 FUNDAMENTALS OF ART

Examination of the basics in art. Foundation laid for future participation in drawing and painting. This is a general education course, not for art majors or minors. **D**

##### ART 1163 BASIC DRAWING

Experience with tools, materials, and techniques commonly used in graphic expressions, such as pencil, pen, brush and crayon. This is a general education course, not for art majors or minors. **D**

##### ART 1223 ART SURVEY

A brief survey of multi-cultural developments in the visual arts from prehistory to the present. Purpose, influences, and evaluation are emphasized. This is a general education course, not for art majors or minors. May be used for humanities requirement. **F,S**

##### ART 2001-4 INDIVIDUAL STUDY IN ART (Topic)

Individual study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

##### ART 2011-4 SEMINAR IN ART (Topic)

Group study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

### BIOLOGICAL SCIENCES

#### BIOL 1004 BIOLOGICAL CONCEPTS

An introduction to the concepts and methods of biology needed to understand biological issues faced by society. Upon completion of the course, students will be able to apply the scientific method to problem solving and to explain natural phenomena. Students will also understand such concepts as the role of the cell in maintaining conditions essential for life. In addition, students will be able to describe the interactions between living organisms and the environment at the

population, ecosystem, and biosphere levels and to identify

potential impacts on society of biotechnology, world population growth, and human influences on global biogeochemical cycles. **F,S,SU**

#### BIOL 2104 HUMAN ANATOMY

A study of the normal functional anatomy of the human body and the changes which occur in various clinical conditions. The laboratory includes extensive use of human models and cat dissection. This course is designed for students pursuing health career majors. **Prerequisite: 1004 Biology. F**

#### BIOL 2204 INTRODUCTORY ZOOLOGY

The diversity of the protist and animal kingdoms will be examined with respect to their evolution, classification, and the comparative morphology, physiology, and behavior of major phyla. **D**

#### BIOL 2205 HUMAN ANATOMY & PHYSIOLOGY

A study of the structure and function of the human body. This course is designed to meet the needs of students in Medical Laboratory Technology and Radiologic Technology and others who need a working knowledge of the human body and its functions. This course fulfills the Anatomy and Physiology requirement for Health Information Management majors. **Prerequisite: 1004 Biology or 2204 Zoology or Permission of Instructor. F**

#### BIOL 2304 HUMAN PHYSIOLOGY

A study of the normal function of the human body. Strong emphasis is placed on homeostasis. **Prerequisite: BIOL 2104 or 2205 or Permission of Instructor. S**

#### BIOL 2404 INTRODUCTORY BOTANY

This course is a study of the structure, physiology, and ecology of higher plants and also includes a survey of the plant kingdom. **Prerequisite: BIOL 1004. D**

#### BIOL 2503 PARASITOLOGY

A study of the identification, isolation, morphology and life cycles of those parasites that affect man; includes both helminthology and protozoology. **Prerequisites: BIOL 1004. F**

#### BIOL 2001-3 INDIVIDUAL STUDY IN BIOLOGICAL SCIENCE (Topic)

Individual study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

#### BIOL 2011-4 SEMINAR IN BIOLOGICAL SCIENCE (Topic)

Group study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

## Chemistry

### CHEM 1004 GENERAL CHEMISTRY

A survey course in general chemistry for students requiring a single chemistry course (4 hours or fewer) in their major or for students requiring a preparatory course for CHEM 1203 and CHEM 1252, (General Chemistry I). Topics include measurements, atomic theory, bonding, naming/writing formulas of solids/liquids/gases, energy (primarily light/heat), reactions (including balancing equations, stoichiometry, equilibrium), solutions/concentrations, and acids/bases. The laboratory is designed to fortify the understanding of the major topics of the course. No prerequisites, although a minimal algebra background is helpful. **S**

### CHEM 1203 GENERAL CHEMISTRY I (LECTURE)

An introduction to chemical principles for students intending to major in science areas. Topics include concentration, stoichiometry, thermodynamics, atomic and molecular theory, properties of gases, liquids and solids. **Prerequisite: Completion of or concurrent enrollment in MATH 1513 . S,O**

### CHEM 1252 GENERAL CHEMISTRY I (LAB)

Laboratory for General Chemistry I. Experimental investigation of those topics introduced in CHEM 1203 and introduction to visible spectroscopy. **Corequisite: CHEM 1203.**

### CHEM 1303 GENERAL CHEMISTRY II (LECTURE)

A continuation of chemical principles for students intending to major in science areas. Topics include kinetics, equilibria, acids and bases, second law, electrochemistry, and nuclear chemistry. Offered on demand. **Prerequisite: CHEM 1203 and completion of, or concurrent enrollment in, CHEM 1252. D**

### CHEM 1352 GENERAL CHEMISTRY II (LAB)

Laboratory for General Chemistry II. Experimental Investigation of those topics introduced in CHEM 1303. **Prerequisites: CHEM 1203 and CHEM 1252. Corequisite: CHEM 1303. D**

### CHEM 2044 CLINICAL CHEMISTRY

The study of various chemical analyses of body fluids. Emphasis is on reactions, reagents and reference ranges of analytes measured in the clinical chemistry lab. **S**

### CHEM 2001-4 INDIVIDUAL STUDY IN CHEMISTRY (Topic)

Individual study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

### CHEM 2011-4 SEMINAR IN CHEMISTRY (Topic)

Group study of specified topic in chemistry for the undergraduate students. Credit: 1 to 4 semester hours.

## Computer Science

### COMSC 1023 COMPUTERS AND INFORMATION ACCESS

Introduction to computers, computer software, and the use of computers to access information for general education students. Includes an introduction to computer hardware, microcomputer operating systems, and computer applications including word processors, spreadsheets, e-mail, Power Point and the Internet. **F,S,SU**

### COMSC 1033 COMPUTER SCIENCE I

This course is an introductory programming course using the Java language. It covers an overview of Java Virtual Machine. This course will focus on algorithms, problem solving, and program design, attributes, methods, I/O, data types, expressions, loops, decision statements, functions, and introduction to object oriented programming concepts. **F**

### COMSC 1053 COMPUTER SCIENCE II

This course is a continuation of Computer Science I. It covers Java language topics including Objects, Methods, Classes, Attribute Definition, Inheritance, Encapsulation and Object Oriented thinking, design and programming. Emphasis will be on program design, modularity, debugging, and documentation. **Prerequisite: COMSC 1033. S**

### COMSC 1433 VISUAL BASIC PROGRAMMING

This course provides students with the knowledge and skills needed to develop applications in Microsoft Visual Basic .NET for the Microsoft .NET platform. The course focuses on user interfaces, object-oriented programming, language syntax, and implementation details. It also introduces ADO.Net for database access and Crystal Reports. This is the first course in the Visual Basic .NET curriculum and will serve as the entry point for other .NET courses. **F,S**

### COMSC 2053 JAVA PROGRAMMING

Introduction to programming in Java for students with programming experience. Topics include an introduction to object-oriented programming in Java, Java applets, graphics, and multimedia applications. **Prerequisite: COMSC 1053, or departmental consent. D**

### COMSC 2063 OPERATING ENVIRONMENTS

This course will concentrate on Windows operating systems. Topics covered will include installation and customization of Windows, upgrading to newer versions of Windows, performance optimization, mouse operations, icon based file and program management operations, linking technologies, macros, installing and using application software, and some in-depth work with directory structures and file management. Integrated along with this graphical interface will be an introduction to DOS and many DOS commands. **Prerequisite: COMSC 1023 Computers and Information Access. D**

### COMSC 2153 INTRODUCTION TO NETWORKING

This is an introductory networking course. It will cover many of the basic concepts of constructing and operating a Local Area Network (LAN). This course will cover concepts that span over many systems like UNIX and Windows NT, but will concentrate mainly on Novell 4.1 networking. Topics will include installation and configuration of software and hardware components of a network, typical network configurations, and file and software sharing. Hands-on experience will be provided using a networked laboratory. **Prerequisite: COMSC 2063 Operating Environments. D**

### COMSC 2213 WEB SITE DESIGN

A study of HTML coding techniques and factors affecting page and site design. Includes image and multimedia formats and a significant student project. **D**

### INFS 2813 WEB DEVELOPMENT

A study of Web Development using Macromedia Dreamweaver. Covers static and dynamic content, links, page layout, cascading styling sheets, and media objects. A significant student project is required. **D**

#### COMSC 2473 PROGRAMMING IN C++

Emphasis in this course will be object-oriented C++. Topics include definition of class, data abstraction, pointers, member functions, friend functions, this pointer, static class member, operator overloading, inheritance, virtual function, polymorphism, template, exception handling, reusability, generic algorithms in C++, and introduction to Standard Template Library. Extensive programming exercises in C++ are required. **Prerequisite:** COMSC 1033 or familiarity with a modern programming language. **F**

#### COMSC 2923 INTERNSHIP IN NOVELL NETWORKING

This internship will allow computer science students to gain hands-on networking and PC experience (Novell 5.0 Intranetware and Windows operating systems on IBM compatibles). Students will be provided with a variety of common PC and networking projects to troubleshoot and solve. Students will participate in a sequence of situations coordinated by the network administrator. As well as these "setup" situations, students will also become involved in any actual current situation that might occur on campus during the internship. **Prerequisite:** COMSC 1023. **Corequisites:** COMSC 2153, COMSC 2043.

#### COMSC 2933 INTERNSHIP IN MICROSOFT NETWORKING

This internship will allow computer science students to gain hands-on networking and PC experience (Microsoft NT/2000 etc., servers and Windows operating systems on IBM compatibles). Students will be provided with a variety of common PC and networking projects to troubleshoot and solve. Students will participate in a sequence of situations coordinated by the network administrator. As well as these "setup" situations, students will also become involved in any actual current situation that might occur on campus during the internship. **Prerequisite:** COMSC 1023. **Corequisite:** COMSC 2153, COMSC 2043.

#### COMSC 2001-4 INDIVIDUAL STUDY IN COMPUTER SCIENCE (Topic)

Individual study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

#### COMSC 2011-4 SEMINAR IN COMPUTER SCIENCE (Topic)

Beginning and intermediate topics for individual and group study. Credit: 1 to 4 semester hours.

### General Studies

#### GSTDY 0121 KEYBOARDING

Introduction to and mastery of alphabetic, numeric, and function keys on computers. Course is designed for students who cannot keyboard. **F,S,SU**

#### GSTDY 1001 FRESHMAN ORIENTATION

A course designed for beginning freshmen students to assist them in becoming familiar with the campus, university regulations and course offerings. **F**

#### GSTDY 1122 NEW TESTAMENT SURVEY

A beginning course briefly touching all of the New Testament books with a general geographic, sociological, and literary background. **D**

#### GSTDY 1322 OLD TESTAMENT SURVEY

A beginning course briefly touching all of the Old Testament books with a general geographic, sociological, and literary background. **D**

#### GSTDY 1333 MENTAL HEALTH (Psychology of Human Interaction)

A survey course designed to examine how psychology is related to the adjustment and growth of individuals as they face the challenges of a rapidly changing world. Special emphasis is placed on the links between stress, health, and coping in both mental health and psychological disorders. **D**

#### GSTDY 1441 COLLEGE SUCCESS

College Success is designed to enhance students' skills in becoming successful college students. The course will address topics including time management, learning styles, note taking, test taking, reading skills, etc. The course is required for students placed on academic suspension, suggested for those who are placed on academic probation and open to all students interested in enhancing their skills as students.

#### GSTDY 1901—2 COMPUTER ASSISTED INSTRUCTED

Self-paced study for Computer Assisted Courses.

#### GSTDY 2901—2 COMPUTER ASSISTED INSTRUCTED

Self-paced study for Computer Assisted Courses.

#### GSTDY 2001-4 INDIVIDUAL STUDY IN GENERAL STUDIES

Individual study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

#### GSTDY 2011-4 SEMINAR IN GENERAL STUDIES

Group study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

### Kinesiology

#### KINES 1081 INTERMEDIATE GOLF

Continuation of HPER 1411 with emphasis on acquisition of advanced skills. **D**

#### KINES 1133 WELLNESS CONCEPTS AND EXERCISE APPLICATIONS

The course is designed to provide the student with a philosophy of living that encourages a higher quality of life and a state of well-being. Lifestyle choices are identified and explained in regard to proper exercise, weight management, stress management, substance use, sexually transmitted diseases prevention, and cancer protection. Assessment techniques and development of individual prescriptions in the areas of muscular strength, muscular flexibility, cardiovascular endurance, body composition, and nutrition are studied. Lifetime leisure skills are identified and developed to provide a well-rounded exposure to wellness. **F,S,SU**

#### KINES 1153 NUTRITION

A study of the basic principles of nutrition including dietary standards, food habits, nutrients, metabolism, special diets, food fads, dietary needs of all age groups.

#### KINES 1351 ELEMENTARY BOWLING

The fundamental skills of bowling, including instruction in stance, approach, delivery, aiming, and follow-through. Practice in etiquette, scoring, terminology, and forms of competition. **D**

#### KINES 1371 INTERMEDIATE BOWLING

Advanced skills and advanced forms of competition and league play. **Prerequisite:** KINES 1351. **D**

#### KINES 1411 ELEMENTARY GOLF

The fundamental skills of golf including instruction in stance, strokes, clubs, rules, terminology, etiquette, scoring, etc. **D**

#### KINES 1471 ELEMENTARY TENNIS

Basic instruction in the theory and practice of skills, rules, terminology, etiquette, and game strategy for singles and doubles play. **D**

#### KINES 1481 INTERMEDIATE TENNIS

Continuation of basic course with emphasis on practice of advanced strokes, serves, rules, and tournament competition. **Prerequisite: HPER 1471. D**

#### KINES 1521 INDIVIDUAL FITNESS TRAINING

Instruction and practice in skills and techniques of aerobic and weight training to promote individual fitness. **F,S,SU**

#### KINES 1751 TEAM SPORTS

Designed more for women students. Theory and practice of soccer, volleyball, and selected team sports; basic skills, rules, strategy, and game play.

#### KINES 1781 TEAM SPORTS

Instruction and practice in the following team sports: basketball, softball, and track and field.

#### KINES 1831 AEROBICS I

Instruction and practice of the basic elements of fitness and wellness with emphasis on cardiovascular endurance, flexibility, strength, body composition and posture. **D**

#### KINES 1841 BODY MECHANICS

Instruction and practice of the basic elements of fitness and wellness. Emphasis on cardiovascular endurance, flexibility, strength, body composition, and posture. Evaluation of personal fitness and development of a personal fitness program. **D**

#### KINES 1851 AEROBICS II

Advanced instruction and practice of the basic elements of fitness and wellness with more emphasis on cardiovascular endurance, flexibility, strength, body composition and posture. **D**

#### KINES 2212 FIRST AID

Knowledge in accident prevention, emergency treatment, and care of injuries and illness. American Red Cross standards. **S**

#### KINES 2001 - 4 INDIVIDUAL STUDY IN HEALTH, PHYSICAL EDUCATION AND RECREATION (Topic)

Individual study of specified topic in health, physical education, and recreation for undergraduate students. Credit: 1 to 4 semester hours.

#### KINES 2011 - 4 SEMINAR IN HEALTH AND PHYSICAL EDUCATION AND RECREATION (Topic)

Group study of specified topic in health, physical education and recreation for undergraduate. Credit: 1 to 4 semester hours.

### Humanities

#### ART 1223 ART SURVEY

A brief survey of multi-cultural developments in the visual arts from prehistory to the present. Purpose, influences, and evaluation are emphasized. **F,S**

#### MUSIC 1013 INTRODUCTION TO MUSIC

Introduction to the history of music and musical styles. **F,S**

#### LIT 2413 INTRODUCTION TO LITERATURE

Studies in short fiction, poetry and drama. **F,S,SU**

#### PHILO 1453 INTRODUCTION TO PHILOSOPHY

A survey of major philosophers and their respective contributions to philosophy from ancient Greece to the present, with emphasis on the western world. **F,S,SU**

### LANGUAGE ARTS

#### AMERICAN INDIAN STUDIES

##### AMIS 1001 INTRO TO AMERICAN INDIANS STUDIES

A survey course intended to orient student to American Indian culture and history.

##### AMIS 1011-3 SEMINAR IN AMIS (Topic)

Study of selected topic in American Indian Studies.

##### AMIS 2001 - 3 INDEPENDENT STUDY—AMERICAN INDIAN STUDIES (TOPIC)

Independent study of selected topic in American Indian studies. **Prerequisite:** Permission of Instructor.

##### AMIS 2004 (TRIBE) LANGUAGE I

Introduces students to a particular American Indian language, its orthography, syntax, grammar and pronunciation. Develops written and oral skills.

##### AMIS 2103 AMERICAN INDIANS TODAY

A study of contemporary American Indian life and culture.

##### AMIS 2113 LITERATURE OF AMERICAN INDIAN

A study of the works of fiction, non-fiction, drama and poetry composed primarily from 1900 to the present by Native American authors and studied with emphasis on the conflict between different cultures and traditions with contemporary application. Emphasis is placed on writers from Oklahoma and the Southwest.

##### AMIS 2123 TRIBAL GOVERNMENT & SOVEREIGNTY

Study of American Indian Tribal Government with special emphasis on its legal foundation.

##### AMIS 2413 TRIBAL ECONOMICS

Special topics of current interest to American Indians to be examined.

##### AMIS 2603 TRIBAL HISTORY (TOPIC)

In depth study of a selected American Indian tribe.



## CHEYENNE ARAPAHO TRIBAL COLLEGE

### CATC 1413 AMERICAN INDIAN BELIEF SYSTEMS

A selected study of American Indian Belief Systems from both historical and contemporary perspectives. **D**

### CATC 2133 TRIBAL GOVERNMENT I

This course provides an overview of Tribal Governments and their relationship with the Federal government, as well as current day-to-day Tribal Government functions. Students will learn and discuss the functions and structures of Government, Tribal Constitution Laws, Tribal Enrollment, Tribal Court Systems, Tribal Election Ordinances, The Legislative System, Law Making functions, and Executive Functions in Tribal Governments. **D**

### CATC 1011-3 SEMINAR IN TRIBAL ADMINISTRATION

Group study of specific topic for undergraduate students offered on a irregular basis. **D**

### CATC 2001-3 INDEPENDENT STUDY IN TRIBAL ADMINISTRATION

Independent study of selected topics under the supervision of a Cheyenne and Arapaho Tribal College faculty member. **D**

### CATC 2062 INTERNSHIP IN TRIBAL ADMINISTRATION

A designated period of practical experience devoted to serving an apprenticeship in tribal administration under the supervision of selected administrators. **Prerequisite: Consent of instructor and approval of CATC administrative staff. D**

### CATC 2103 BUDGET OPERATIONS

This course will provide students with the budget's role in Tribal government and key aspects of the budget process, including budget formulation, budget execution, revisions, supplemental funding, and emergency spending. Students will learn to establish goals and assess tribal needs, getting community input, and determine how to prepare an annual budget based on availability of funds. **D**

### CATC 2123 INTRODUCTION TO TRIBAL ADMINISTRATION

This course is designed to provide students with an understanding of the day-to-day administration and overall program operations of Tribal programs. Students will learn, discuss, and critique the daily business of government operations and insure goals and objectives are met by the Tribe. **D**

### CATC 2233 TRIBAL GOVERNMENT II

Continuation of CATC 2133 to include further discussion of Government, Tribal Constitution Laws, Tribal Enrollment, Tribal Court Systems, Tribal Election Ordinances, The Legislative Systems Law Making Functions, and Executive Functions in Tribal Governments. **Prerequisite: CATC 2133. D**

### CATC 2313 INDIAN SELF-DETERMINATION AND EDUCATION ASSISTANCE

This course is designed to provide a basic understanding and knowledge on the contract administration process and procedures of the Indian Self-Determination and Education Assistant Act. Emphasis is on preparing a contract and grant application and its internal and external administrative procedures. Students will prepare, review, and discuss application Content and Process, Statement of work and Budget preparation. **D**

### CATC 2413 INDIAN SELF-DETERMINATION CONTRACT ADMINISTRATION I

This course is designed to provide a basic understanding and knowledge on the contract administration process and procedures. Emphasis is on preparing a contract and grant application and its internal and external administrative procedures that governs Self-Determination Contract Administration. Students will prepare, review and discuss Application Content and Process, Statement of work and Budget preparation. **D**

### CATC 2513 INDIAN SELF-DETERMINATION CONTRACT ADMINISTRATION II

This course is a continuation of CATC 2413 and is designed to be a "hands on" exercise in contract administration. Students will learn regulations to internal and external and administrative procedures that govern Self-Determination Contract Administration. Students will prepare, review, and critique non-procurement contracts, documents, monitoring plan, program evaluations, and closeout of contracts. **Prerequisite: CATC 2413. D**

### CATC 2523 OMB CIRCULARS (COMMON LAW)

This course is designed to provide the common rules for administration of grants and cooperative agreements, cost principles, and audit requirements of Federal programs. Students will review, discuss and learn the impact of each circular on Tribal Administration and management. **D**

## COMMUNICATIONS

### COMM 1042 PHOTOGRAPHY

Fundamentals of darkroom techniques and camera use. **D**

### COMM 1023 STUDENT PUBLICATIONS I

Examine procedures and problems associated with the student newspaper. Student are required to serve as staff members of the Watchdawg student newspaper and work at prescribed periods under faculty supervision.

### COMM 1033 STUDENT PUBLICATIONS II

A continuation of Student Publications I with emphasis placed on leadership roles such as editor, copy editor, layout editor and art director. Course will require working on the staff of the student newspaper at prescribed periods as well as other time periods necessary for the publication.

### COMM 1313 INTRODUCTION TO PUBLIC SPEAKING

This course provides students with an in-depth analysis of public speaking. It includes a thorough examination of the theoretical framework of public speaking and requires students to put those theories into practice. Students will build critical thinking skills by constructing their own messages and evaluating those of others. This course is designed to heighten students' skills as well as increase their confidence as public speakers. **F,S,SU**

### COMM 2001-4 INDIVIDUAL STUDY IN COMMUNICATIONS (Topic)

Individual study of specified topic in Communications. Credit: 1 to 4 semester hours.

COMM 2011 - 4 SEMINAR IN COMMUNICATIONS (Topic)

A study of specified topic in Communications. Credit: 1 to 4 semester hours.

COMM 2113 WRITING FOR MASS MEDIA

Introduction to writing for both print and broadcast media. Includes news, feature, editorial and sports writing.

**English**

ENGL 0123 FUNDAMENTALS OF ENGLISH

A course designed to provide students an opportunity to increase their writing skills. Emphasis is placed on the sentence and paragraph levels. Zero credit, the course is not counted as a part of a major or minor. **F,S,SU**

ENGL 1002 WRITING SKILLS RE-ENFORCEMENT LABORATORY

This course is designed for students who either need additional assistance in sharpening their writing skills to either bring them up to a college level, or maintain them at a college level, or need assistance with a writing project within a specific discipline. Students plan a course of action and study with assistance of the instructor to meet the student's individual needs. **D**

ENGL 1113 ENGLISH COMPOSITION I

Training for effective communicative skills with emphasis on writing as required for successful college study. **F,S,SU**

ENGL 1213 ENGLISH COMPOSITION II

Training for skills in communication, as in ENGL 1113, but at a higher level. Research and argument emphasized. **Prerequisite: ENGL 1113. F,S,SU**

ENGL 2713 CREATIVE WRITING- POETRY

The course will introduce students to the basic techniques of creative poetry writing by examining the elements of invention, phrasing, imagery, sound, rhythm, form and tone. The course is taught in a workshop structure using peer evaluation and portfolio assessment. **Prerequisites: ENGL 1113 and permission of instructor. D**

ENGL 2011-4 SEMINAR IN ENGLISH (Topic)

A study of specified topic in English for undergraduate students. Credit: 1 to 4 semester hours.

**LITERATURE**

LIT 1123 INTRODUCTION TO FICTION

An introduction to the short story as literary art form, with emphasis upon structure, characterization, plot, theme, and style. Extensive reading of selected short stories from American, British, and European Literature. **D**

LIT 2413 INTRODUCTION TO LITERATURE

Studies in short fiction, poetry and drama. (May be used for humanities.) **F,S,SU**

LIT 2001 - 4 INDIVIDUAL STUDY IN LITERATURE (Topic)  
Individual study of specified topic in Literature for undergraduate students. Credit: 1 to 4 semester hours.

LIT 2011 - 4 SEMINAR IN LITERATURE (Topic)

A study of specified topic in Literature for undergraduate students. Credit: 1 to 4 semester hours.

**SPANISH**

SPAN 1054 ELEMENTARY SPANISH I

Fundamentals of grammar taught in order to acquire facility in all four language skills: reading, writing, speaking and understanding spoken Spanish. Limited introductions to Hispanic culture; use of language laboratory. **F**

SPAN 1154 ELEMENTARY SPANISH II

This course is a continuation of SPAN 1054 and completes the basic grammar of Spanish; consideration of Hispanic cultural background; use of language laboratory. **Prerequisite: SPAN 1054 or equivalent high school Spanish. S**

SPAN 2353 SPANISH CONVERSATION

Study designed to develop fluency in speaking Spanish and a command of idiomatic expressions. **D**

**MATHEMATICS**

MATH 0124 BASIC ALGEBRA

Entry level algebra course including arithmetic skills to meet math deficiency. Non-credit course designed to prepare students for Intermediate Algebra. **F,S,SU**

MATH 1103 INTERMEDIATE ALGEBRA

Real and complex numbers, and algebraic expressions. Solutions of equations and inequalities through quadratics. Solutions of rational, radical, absolute value, and polynomial equations and inequalities. Systems of linear equations and inequalities. Functions, graphing of linear and quadratic equations. **F,S,SU**

MATH 1143 MATH CONCEPTS

Students will learn to speak and write mathematics with precision, clarity, and organization; acquire basic mathematical literacy; and be able to apply mathematical concepts. **F,S**

MATH 1433 STRUCTURAL CONCEPTS IN ARITHMETIC

A fundamental course in arithmetic concepts and basic skills. For elementary teachers. **F,S, SU**

MATH 1443 STRUCTURAL CONCEPTS IN MATHEMATICS

A continuation of MATH 1433. A study of the structures of number systems, informal geometry, probability and statistics. For elementary teachers. **F,S, SU**

MATH 1513 COLLEGE ALGEBRA

A fundamental course including solutions of equations, inequalities, systems of equations, logarithms, conic sections and theory of numbers. **Prerequisite: departmental approval or placement by examination. F,S,SU**

## MATH 1613 COLLEGE TRIGONOMETRY

The basic course stressing trigonometric functions, periodicity, identities and solutions of triangles. **Prerequisites:** MATH 1513 College Algebra, departmental approval, or placement by examination. **D**

## MATH 2001 - 4 INDIVIDUAL STUDY IN MATHEMATICS (Topic)

Individual study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

## MATH 2011 - 4 SEMINAR IN MATHEMATICS (Topic)

Group study of specified topic for undergraduate students. Credit: 1 to 4 semester hours.

## MUSIC

### MUSIC 1013 INTRODUCTION TO MUSIC I

Introduction to the history of music and musical styles. (May be used for humanities.) **F,S**

### MUSIC 2001 INDIVIDUAL STUDY IN MUSIC (Topic)

Individual study of specified topic in music. Credit: 1 to 4 semester hours.

### MUSIC 2011 - 4 SEMINAR IN MUSIC (Topic)

A group study of specified topic in music. Credit: 1 to 4 semester hours.

## PHILOSOPHY

### PHILO 1453 INTRODUCTION TO PHILOSOPHY

A survey of major philosophers and their ideas, from ancient Greece to the present with emphasis on the Western World. **F,S,SU**

### PHILO 2001-4 INDIVIDUAL STUDY IN PHILOSOPHY (Topic)

Individual study in specified topic in Philosophy. Credit: 1 to 4 semester hours.

### PHILO 2011-4 SEMINAR IN PHILOSOPHY (Topic)

A group study of specified topic in Philosophy. Credit: 1 to 4 semester hours.

## PHYSICS

### PHY 2001-4 INDIVIDUAL STUDY IN PHYSICS (Topic)

Individual study in Physics for the undergraduate. Credit: 1 to 4 semester hours.

### PHY 2011-4 SEMINAR IN PHYSICS (Topic)

A study of specified topic in physics. Credit: 1 to 4 semester hours.

## SOCIAL SCIENCES

## CRIMINAL JUSTICE

### CRMJS 1113 INTRODUCTION TO CRIMINAL JUSTICE

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. Offered via interactive video from Weatherford. **D**

### CRMJS 2011 CRIMINAL JUSTICE SEMINAR

Presents studies in selected topics of criminal justice.

### CRMJS 2503 CRIMINAL JUSTICE ADMINISTRATION

A study of the organization and management of Criminal Justice agencies. Offered via interactive video from Weatherford. **D**

## CORRECTIONS

### CRMJS 1003 INTRODUCTION TO CORRECTIONS PROCEDURES

This course is designed to give the student an overview of the Department of Corrections and the Criminal Justice System through examining the history, mission and organizational structures. Additional topics students will examine include legal aspects affecting the correction officer, terminology used in corrections, the offender classification system, offender programs, offender disciplinary procedures from initiating an offense report through the appeal process, maintaining public image including courtroom demeanor, maintaining a clean facility and effective management of offenders, and developing job readiness skills such as interviewing, job searching and being a good employee. **F,S,SU**

### CRMJS 1013 CORRECTIONS OFFICER PHYSICAL TRAINING

This course is designed to introduce the student to physical conditioning including physical assessment, aspects of nutrition, aerobic exercise and its effects on conditioning, and how to create a conditioning program to achieve personal fitness goals and prepare for the physical demands of a career as a corrections officer. The student then learns defensive tactics and self-defense utilizing a combination of the Federal Bureau of Prisons self-defense course and the National Law Enforcement Training Center's defensive tactics model to better prepare him/her for potentially dangerous situations and possible physical assault. **F,S,SU**

### CRMJS 1103 ISSUES IN CORRECTIONAL PROCEDURES

Students study procedural issues in corrections that include definitions of sexual harassment utilizing state and federal laws and the effects of sexual harassment on the team work effort; conflict resolution, the causes and effects of personal conflicts, and basic skills in evaluating potential problem areas, controlling the situation, selecting appropriate response and negotiating resolutions; cultural diversity training, and computer operations including software applications pertinent to the corrections institution and facility. **F,S,SU**

#### CRMJS 1114 ENVIRONMENTAL SECURITY PROCEDURES

This course is designed to train the student in matters of institutional and facility security to include radio communications, facility emergencies, post orders, offender counts, tool and key control, searches, contraband and physical evidence, crime scene preservation, restrictive housing, property issues, and transportation of offenders. **F,S,SU**

#### CRMJS 1123 COMMUNICATIONS FOR CORRECTIONS OFFICERS

This course introduces students to the basic rules of writing an effective report through the use of proper grammar, punctuation, spelling and clear sentence structure. In addition, students will be introduced to interpersonal and small group verbal communication techniques, effective listening, team building using the TQM approach, and practical reasoning skills emphasizing and talking as the best defense. **F,S,SU**

#### CRMJS 1203 CORRECTIONS OFFICER PROTECTION PROCEDURES I

Students receive instruction in firearms training including weapons nomenclature, handling, and safety; range safety; care and cleaning of weapons; and qualification with the handgun, rifle, and shotgun. Students receive additional training on the FATS III firearms training simulator, in defensive driving, in the use of force, and the use of restraints. **F,S,SU**

#### CRMJS 1213 CORRECTIONS OFFICER PROTECTION PROCEDURES II

The student will become familiar with identifying possible gang activity through discussion of the basic characteristics of gang mentality and gang behavior and through the identification of gang signs and gang slang. Students will also learn to identify behavior characteristics of offenders with special needs with focus being placed on substance abuse, suicide, psychological disorders, and emotional disorders. Further, the student will be exposed to the treatment of being taken hostage and the dynamics of a hostage situation as well as techniques for surviving such a situation through negotiation and understanding the Stockholm Syndrome. Identification of pre-riot conditions and techniques of riot prevention will be discussed as well as methods for riot control. Additional topics students will be exposed to include First Aid and CPR training and aspects of job safety including hazard communication, ergonomics, back injury, fire safety, slips, trips, and falls and good housekeeping. **F,S,SU**

#### CRMJS 1223 INTRODUCTION TO LAW ENFORCEMENT

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. Offered via interactive video from Weatherford. **D**

### GEOGRAPHY

#### GEOG 1103 WORLD CULTURAL GEOGRAPHY

Study of the world's cultural regions. Cultural development is surveyed for such topics as populations, technologic-economic systems, and socio-cultural beliefs and practices. **F,S**

#### GEOG 2103 PHYSICAL GEOGRAPHY

Introduction to physical geography including study of earth materials, landforms, earth-sun relationships, weather elements, climatic types, natural vegetation and soil types. **D**

#### GEOG 2001 - 4 INDIVIDUAL STUDY IN GEOGRAPHY (Topic)

Individual study of specified topic in Geography for undergraduate students. Credit: 1 to 4 semester hours.

#### GEOG 2011 - 4 SEMINAR IN GEOGRAPHY (Topic)

Intensive study on specified topic in Geography for undergraduate students. Credit: 1 to 4 semester hours.

### HISTORY

#### HIST 1003 EARLY WORLD HISTORY

Introduction to cultures of western civilization from prehistoric times to the formation of modern Europe, including Near Eastern, Greek, Roman, Middle Ages, Renaissance, and Reformation. **D**

#### HIST 1023 MODERN WORLD HISTORY

Introduction to western civilization from Reformation to present times, including age of absolutism, French Revolution, Napoleon, nationalism, industrialization, World Wars I & II. **D**

#### HIST 1033 WORLD HISTORY

An introduction to the world civilizations with an emphasis on the development of ideas, institutions, and religions as well as an examination of the impact particular individuals and movements have had in history. **F,S**

#### HIST 1043 AMERICAN HISTORY TO 1877

A survey of American History beginning with the European background and continuing through the Reconstruction era. **D**

#### HIST 1053 AMERICAN HISTORY SINCE 1877

A survey of American History from the end of Reconstruction to the present. **D**

#### HIST 1063 UNITED STATES HISTORY

A survey of American History from colonial times to the present. **F,S,SU**

#### HIST 2001 - 4 INDIVIDUAL STUDY IN HISTORY (Topic)

Individual study of specified topic in History. Credit: 1 to 4 semester hours.

#### HIST 2011 - 4 SEMINAR IN HISTORY (Topic)

Intensive study of selected topic in History. Credit: 1 to 4 semester hours.

### POLITICAL SCIENCE

#### POLSC 1103 AMERICAN GOVERNMENT AND POLITICS

Survey of origin, structure, and functions of national government with emphasis on the Constitution and the American political process. **This course is a prerequisite for all political science courses.** **F,S,SU**



#### POLSC 2623 CRIMINAL LAW AND PROCEDURE

An introduction to the elements of criminal law and the procedural rights of defendants. **Prerequisite:** POLSC 1103. Offered via interactive video from Weatherford. **D**

#### POLSC 2803 THE JUDICIAL PROCESS

Introduction to the legal system with emphasis on organization and jurisdiction of federal and state courts, judicial process, and basic principles of American jurisprudence. **Prerequisite:** POLSC 1103. Offered via interactive video from Weatherford. **D**

### PSYCHOLOGY

#### PSYCH 1003 GENERAL PSYCHOLOGY

A general education course which provides an overview of psychology with an emphasis on the applied areas in the field. **F,S,SU**

#### GSTDY 1333 MENTAL HEALTH (Psychology of Human Interaction)

A survey course designed to examine how psychology is related to the adjustment and growth of individuals as they face the challenges of a rapidly changing world. Special emphasis is placed on the links between stress, health, and coping in both mental health and psychological disorders. **D**

#### PSYCH 2313 DEVELOPMENTAL PSYCHOLOGY

A study of the physical, cognitive, psychological, and social development of the individual from the prenatal period through the aging adult. **Prerequisite:** PSYCH 1003 or PSYCH 2413. **D**

#### PSYCH 2433 PSYCHOLOGICAL STATISTICS

Statistical methods applied to the behavioral sciences. The understanding and application of descriptive and inferential statistics. Covers topics from central tendency to analysis and variance. **Prerequisites:** PSYCH 1003 or PSYCH 2413. **D**

#### PSYCH 2001 - 4 INDIVIDUAL STUDY IN PSYCHOLOGY (Topic)

Individual study of specified topic in Psychology for undergraduate students. Credit: 1 to 4 semester hours.

#### PSYCH 2011 - 4 SEMINAR IN PSYCHOLOGY (Topic)

Group study of specific topic in Psychology for undergraduate students. Credit: 1 to 4 semester hours.

#### EDPSY 3413 CHILD PSYCHOLOGY

Study of the phases of growth and development from conception through childhood. Emphasis is placed on cognitive and personality changes. Offered via web from Weatherford.

#### EDPSY 3433 ADOLESCENT PSYCHOLOGY

A realistic examination of the categories of behavior, developmental growth stages, family relationships, and social influences from late childhood through early adulthood as they apply to the school and classroom environments. Major emphasis is also directed to competency mastery of the Competencies for Licensure and Certification and to the objectives for the Professional Teaching Examination presented by the Oklahoma commission for Teacher Preparation. **Prerequisite:** PSYCH 1003. Offered via telecourse from Weatherford. **F,S,SU**

### SCIENCE

#### SCI 1514 CONCEPTS OF PHYSICAL SCIENCE

A course designed to develop an awareness of the inter-relationship between science and society. Readings and discussions on the "tactics and strategy" of science, with an emphasis on the physical sciences. **F,S**

#### ASTRO 1904 ASTRONOMY

An introductory course stressing basic science and how we arrived at our present knowledge. Topics include: history of astronomy; planets; meteorites; comets; asteroids; birth, life, and death of stars; galaxies; quasars; black holes; and cosmology. Several night viewing sessions will be arranged.

#### GEOL 1934 PHYSICAL GEOLOGY

Introduction to earth science, earth in the universe, seafloor spreading and continental drift, the geomagnetic field, earthquakes and landform development; laboratory study of minerals, rocks, topographic maps, stereophotographs and landforms. **D**

### SOCIOLOGY

#### SOCIO 1003 INTRODUCTION TO SOCIOLOGY

A General Education course covering the fundamental concepts of sociology; foundations of group life; social change, processes and problems. **Unless otherwise noted, SOCIO 1003 is a prerequisite for all sociology courses, except SOCIO 2103. F,S**

#### SOCIO 2103 SOCIAL PROBLEMS

Designed to introduce students to the social disorganization, personal deviation, and value conflicts inherent to a changing social milieu. **S**

#### SOCIO 2001 - 2 INDIVIDUAL STUDY IN SOCIOLOGY (Topic)

Individual study of specified topic in Sociology for undergraduate students. Credit: 1 to 4 semester hours.

#### SOCIO 2011 - 4 SEMINAR IN SOCIOLOGY (Topic)

Group study of specified topic in Sociology for undergraduate students. Credit: 1 to 4 semester hours.

#### SOCIO 2901 - 4 DIRECTED STUDY IN SOCIOLOGY

Directed study of specified topics in Sociology for undergraduate students. Credit: 1 to 4 semester hours.

### BUSINESS

### ACCOUNTING AND FINANCE

#### ACCTG 2213 PRINCIPLES OF FINANCIAL ACCOUNTING

Financial accounting concepts related to the processes and principles of accrual accounting and the preparation of financial statements and reports for parties external to the firm. **Prerequisite:** Sophomore standing or advisor approval.

#### ACCTG 2313 PRINCIPLES OF MANAGERIAL ACCOUNTING

Continuation of ACCTG 2213 to include further discussion of partnerships, corporations, managerial accounting concepts and objectives, planning and control of sales and cost, analysis of costs and profits. **Prerequisite:** ACCTG 2213.

#### MRKTG 3143 PRINCIPLES OF MARKETING

The course provides an overview of the Marketing process structured around the concept of the "Four P's of Marketing." The course is intended as a foundation course for those who will pursue further coursework in the discipline and as a survey course of Marketing's importance to the firm for those who will not.

**Prerequisite:** Junior standing. Offered via interactive video from Weatherford. **D**

#### MNGMT 3233 MANAGEMENT

An introductory management course dealing with the fundamental principles of management such as planning, organizing, directing, controlling and evaluation. This course addresses fundamental theory and the applications. **Prerequisite:** Junior standing. Offered via interactive video from Weatherford. **D**

#### FINAN 3343 BUSINESS FINANCE

A survey course with emphasis on the financial characteristics of modern U.S. corporations. **Prerequisite:** ACCTG 2313. Offered via interactive video from Weatherford. **D**

#### MNGMT 3433 ADMINISTRATIVE THEORY

Study of the relationship between administrative processes and organizational development, structure and design; emphasis on management considerations, the global environment, effects of technology, governance and control, culture, decision-making, power and politics, and change as it relates to organizations. Extensive use of case studies. **Prerequisite:** MNGMT 3233. Offered via interactive video from Weatherford. **D**

#### MNGMT 3533 ORGANIZATIONAL BEHAVIOR

Study of the relationship between administrative process and organizational development, structure, and design; emphasis on management considerations, the global environment, effects of technology, governance and control, culture, decision-making, power and politics, and change as it relates to organizations. Extensive use of case studies. **Prerequisite:** MNGMT 3233. Offered via interactive video from Weatherford. **D**

#### ACCTG 2003 INDIVIDUAL STUDY IN ACCOUNTING (Topic)

Individual study in specified topics in accounting for undergraduate students. Credit: three semester hours.

#### ACCTG 2013 SEMINAR IN ACCOUNTING (Topic)

Group study of specified topics in accounting for undergraduate students. Credit: three semester hours.

### GENERAL BUSINESS

#### GEBUS 1123 INTRODUCTION TO BUSINESS

Introductory course for students of all business disciplines and undecided majors. Survey of the basic principles, forms, and practices involved in the administration of a business firm. Not open to junior or senior majors or minors in the School of Business.

#### GEBUS 2253 BUSINESS COMMUNICATIONS

Extensive instruction and practice in letter writing. Insight into basic communication theory. **Prerequisites:** ENGL 1113 & 1213, COMM 1313, and GEBUS 2723. **F**

#### GEBUS 2273 BUSINESS MATHEMATICS-OFFICE MACHINES

The principles and concepts of business mathematics are presented together with the proper operation of numeric keypad. Students use microcomputers in solving business math problems. **F,S**

#### GEBUS 2723 COMPUTER BUSINESS APPLICATIONS

Introduction to computer technology to prepare students for computer applications used in business courses and in the workplace. Content includes windows, word processing, spreadsheets, database, and presentation software. Keyboarding proficiency required. **Prerequisite:** MATH 1513 or higher. **F**

#### GEBUS 3123 LEGAL ENVIRONMENT OF BUSINESS

An introduction to the legal system in the United States. Students are encouraged to analyze case law and legal precedent. Primary legal topics covered include constitutional, administrative, contract, tort and criminal law. **Prerequisite:** Junior Standing. Offered via interactive video from Weatherford. **D**

#### GEBUS 3823 QUANTITATIVE METHODS IN BUSINESS

This course addresses the component of quantitative skills needed in all areas of business. These skills include mathematical, statistical, forecasting and operations research. Computer utilization is used in analyzing and solving business related problems. **Prerequisite:** ECONO 2463. Offered via interactive video from Weatherford. **D**

#### GEBUS 2003 INDIVIDUAL STUDY IN GENERAL BUSINESS (Topic)

Individual study on specified topics in business for undergraduate students. Credit: Three semester hours.

#### GEBUS 2013 SEMINAR IN BUSINESS (Topic)

Group study of specified topic in general business for undergraduate students. Credit: Three semester hours.

### ECONOMICS

#### ECONO 2263 INTRODUCTION TO MACROECONOMICS

Study of the economy as a whole. Topics include national income accounting, the determination of the levels of income, output, employment, and price; money and banking; stabilization policies; international economics. **F,S**

#### ECONO 2363 INTRODUCTION TO MICROECONOMICS

Fundamental microeconomic principles involving behavior of consumers, business firms, and resource owners; as they relate to the allocation of resources; individual price and output determination. **F,S**

#### ECONO 2463 BUSINESS STATISTICS

Study of the relationship of data collection, analysis, and decision making; emphasis on data collection, tabular and graphical methods, probability, discrete and continuous probability distributions, sampling methods and distributions, interval estimation, hypothesis testing, statistical inference, and linear regression and analysis. **Prerequisite:** MATH 1513. **D**

#### ECONO 2003 INDIVIDUAL STUDY IN ECONOMICS (Topic)

Individual study in specified topic in economics and finance for undergraduate students. Credit: Three semester hours.

#### ECONO 2013 SEMINAR IN ECONOMICS (Topic)

Group study on topic in economics and finance for undergraduate students. Credit: Three semester hours.

### EDUCATION

#### RDNG 0123 IMPROVEMENT OF READING

Designed for self-improvement in basic reading skills. Designated materials are utilized for correction of reading skill deficiencies, vocabulary development, and phonetic analysis. Also used as a remediation requirement of ACT score below 19 in reading. F,S

#### EDUC 2113 FOUNDATIONS OF EDUCATION

Introduction to the historical, philosophical, and the social foundations of education and their relationships to teaching as a profession. Current issues of education are also introduced and discussed. Laboratory experiences as an observer/aide in the public schools and procedures for admission to teacher education are included. Offered via interactive video from Weatherford. F,S,SU

#### EDUC 2001 - 4 INDIVIDUAL STUDY IN EDUCATION (Topic)

Individual study of specified topic in education for undergraduate students. Credit: 1 to 4 semester hours.

#### EDUC 2011 - 4 SEMINAR IN EDUCATION (Topic)

Group study of specified topic in education for undergraduate students. Credit: 1 to 4 semester hours.

### Exceptional Child Paraprofessionals

#### EDUC 2023 INTRODUCTION TO STUDENTS WITH MILD/MODERATE DISABILITIES

This course is designed to provide an overview of the characteristics of various learners with mild/moderate disabilities. The focus of the course will include history, causes, identification, theoretical models, intervention, and service delivery.

#### EDUC 2033 CURRICULUM AND TECHNIQUES FOR STUDENTS WITH MILD/MODERATE DISABILITIES

This course is designed for the student to develop skills necessary to teach students with mild/moderate disabilities. This includes students with learning disabilities, mental retardation, emotional disturbance, and other at-risk populations. The focus of the course will begin with foundational concepts of the teaching/learning process. Focus will then be on methods, procedures, techniques and curriculum for effectively teaching specific skills, strategies, and content areas to students with mild/moderate disabilities.

#### EDUC 2333 METHODS OF MANAGING STUDENTS WITH EMOTIONAL/BEHAVIORAL DISORDERS

The course will deal with techniques for handling disruptive students in the general educational class. Students will be given a variety of techniques that have proven to be successful. The students will be given information concerning causal factors and various facets of disordered behaviors.

#### EDUC 2012 SEMINAR IN EDUCATION

Group study of specified topic in education for undergraduate students.

#### EDUC 2862 POLICIES AND PROCEDURES IN SPECIAL EDUCATION

This course focuses on the understanding of the requirements of a Special Education teacher. Students will learn how to develop an IEP, behavioral plan, and individualized lesson plans, and interpret information concerning a child's classroom performance and behavior.

#### EDUC 2821 PRACTICUM-MILD/MODERATE DISABILITIES IN A RESIDENTIAL/EDUCATIONAL SETTING

Supervised participation working closely with certified teachers in assisting with the implementation of programs involving identified students in educational and residential settings.

### ALLIED HEALTH SCIENCES

#### NURS 2212 INTRODUCTION TO PROFESSIONAL NURSING

The profession of nursing is explored through the philosophy and conceptual framework of the School of Nursing. The historical development of nursing and nursing education are linked to current nursing practice. Ethical and legal aspects of nursing, as they affect the student entering nursing, are incorporated into the course. Student accountability and professionalism are introduced and developed. Two hours of theory. **Prerequisite: None.** Offered via interactive video from Weatherford. S

#### ALHLT 2355 MICROBIOLOGY

A basic study of microorganisms, involving classification and cultivation of bacteria, fungi, and viruses. Special emphasis is directed toward microbial morphology and physiology, disease-causing microorganisms, antibiotics, and their action and immune mechanisms. **Prerequisite: BIOL 1004. F**

#### ALHLT 2404 PATHOGENIC MICROBIOLOGY

A detailed study of the pathology of disease-causing microorganisms and laboratory training in the area of medical microbiology, immunology, and clinical diagnostic procedures. **Prerequisite: 2355 Microbiology. S**

#### ALHLT 2443 MEDICAL TERMINOLOGY

A course designed to teach the student prefixes, suffixes, and root-words of Greek and/or Latin origin frequently used in medical terminology. Understanding of word part combination practices, pronunciation, spelling and common medical abbreviations is presented. F,S

#### ALHLT 2001-4 INDIVIDUAL STUDY IN ALLIED HEALTH (Topic)

Individual study of a specified topic in Allied Health. Credit: 1 to 4 semester hours.

#### ALHLT 2011-4 SEMINAR IN ALLIED HEALTH (Topic)

Group study of a specified topic in Allied Health. Credit: 1 to 4 semester hours.

## MEDICAL TECHNOLOGY

### ALHLT 1034 HEMATOLOGY AND PHLEBOTOMY I

Orientation to the basic outlines of the medical technology profession with emphasis on the ethics, general teachings, phlebotomy, and basic hematology theory and techniques. **Prerequisite:** BIOL 1004. F

### ALHLT 1002 CLINICAL PRACTICUM—PHLEBOTOMY

Students are assigned to clinical training sites where they must complete a minimum of 120 clock hours and perform a minimum of 100 venipunctures and 25 finger/heelsticks. **Prerequisite:** ALHLT 1034 Hematology and Phlebotomy I and instructor approval. D

### ALHLT 1044 HEMATOLOGY II

Study of additional medical technology techniques including advanced hematology, and coagulation theory and procedures. **Prerequisite:** ALHLT 1034 Hematology and Phlebotomy I. S

### ALHLT 1202 URINALYSIS AND BODY FLUIDS

This course is designed for the study of body fluids other than blood. Studies will focus on the analysis of cerebrospinal fluid; seminal fluid; amniotic, synovial, serous fluid; and urine. **Prerequisites include** ALHLT Hematology and Phlebotomy I and concurrent enrollment in ALHLT 1044 Hematology II. S

### ALHLT 1314 LABORATORY CLINICAL I

Orientation of students beginning clinical training. Training includes 240 hours. MLT students are introduced to the policies and procedures as well as to the regulations of the laboratory. Areas of clinical work include venipuncture, urinalysis, hematology, and coagulation under supervision of laboratory personnel. **Prerequisite:** Completion of the 1<sup>st</sup> year MLT program. Offered by instructor approval only and by arrangement.

### ALHLT 2024 LABORATORY CLINICAL II

A continuation of Laboratory Clinical I. Training includes an additional 240 hours and covers serology, clinical chemistry, blood banking, and microbiology under the supervision of laboratory personnel. **Prerequisite:** ALHLT 1314. Offered by instructor approval only and by arrangement.

### ALHLT 2033 BLOOD BANKING

A study of the basic principles of blood banking and the techniques involved in various phases of blood banking in clinical situations. The course covers pretransfusion testing, compatibility testing, blood and blood components and their use in transfusion therapy, hemolytic disease of the newborn, and transfusion acquired infectious diseases. Designed for MLT students. S

### ALHLT 2104 LABORATORY CLINICAL III

Continuation of supervised clinical training for MLT students including 240 hours per semester in a clinical facility. Use, maintenance and troubleshooting of automated instrumentation are also covered. **Prerequisite:** ALHLT 1314 & ALHLT 2024. Offered by instructor approval only and by arrangement.

### ALHLT 2412 IMMUNOLOGY AND SEROLOGY

A study of the immune system, antigen-antibody reactions and the application of these reactions in serology detection procedures in disease and infection. Designed for MLT students. F

### ALHLT 2441 REGISTRY PREPARATION I-MEDICAL TECHNOLOGY

A review of the curriculum course of study in Medical Laboratory Technician program. Students will review information from previous courses and take simulated registry examinations. F

### ALHLT 2541 REGISTRY PREPARATION II – MEDICAL TECHNOLOGY

A review of the curriculum course of study in Medical Laboratory Technician program. Students will review information from previous courses and take simulated registry examinations. Students will prepare a resume and prepare and submit registry examination applications. S

### ALHLT 1414 LABORATORY CLINICAL IV

Continuation of clinical training for students meeting requirements for the Medical Technology (MT) Registry. Requires 240 clinical hours in all laboratory departments. **Prerequisite:** ALHLT 1314, ALHLT 2024 & ALHLT 2104 Laboratory Clinical III.

## RADIOLOGIC TECHNOLOGY

### ALHLT 1021 RADIATION SAFETY AND PROTECTION

A comprehensive course designed to provide the student with principles of radiation protection. Radiation-protection responsibility by the radiographer to patients, personnel, and the public is presented, as well as self-protection methods for personnel working around ionizing radiation. Dose limit and regulatory involvement are discussed, as well as radiation monitoring and measurement. F

### ALHLT 1053 RADIOGRAPHIC POSITIONING I

A comprehensive course which provides the student with the knowledge to perform radiographic procedures of a routine nature. Provides a correlated introduction to skeletal anatomy as well as the digestive and urinary systems. Considerations related to the production of quality radiographics will be incorporated. F

### ALHLT 1062 INTRODUCTION TO RADIOLOGIC TECHNOLOGY

An introductory course designed to acquaint the student with the field of medical radiography and its associated modalities. Student responsibilities will be outlined. Students will be oriented to academic and administrative structure, key departments and personnel, and to the profession as a whole. Medical application of ethics and confidentiality are examined. F

### ALHLT 1071 PATIENT CARE

A study of the physical and psychological aspects of dealing with sick and/or dying patients, family, physicians, and other health-care professionals. This includes proper body mechanics, transport/transfer techniques, asepsis and infection control, precautions, proper communication skills, basic terminology, and application of all the aforementioned. F

### ALHLT 1082 RADIOGRAPHIC EXPOSURE I

An introductory course designed to provide the student with the knowledge of factors that govern and influence the production of the radiographic image on radiographic film. F



#### ALHLT 1116 CLINICAL PRACTICE I

A clinical education sequence which provides the student with practical application of previously mastered theory within a radiology department and the hospital environment. The student will actively perform specific radiographic studies under the supervision of a registered technologist. Clinical Practice I and II are performed successively in the spring semester, first year. **In addition, students are responsible for attaining certification in C.P.R. before enrolling in Clinical Practice I.** S

#### ALHLT 1126 CLINICAL PRACTICE II

A clinical education sequence which provides the student with practical application of previously mastered theory within a radiology department and the hospital environment. The student will actively perform specific radiographic studies under the supervision of a registered technologist. Clinical Practice I and II are performed successively in the spring semester, first year. S

#### ALHLT 1131 RADIOGRAPHIC EXPOSURE II

A continued development of the study of the formation of exposure techniques and their resulting effects. Includes application of exposure variables utilized in examinations not considered routine and the control of variable radiation types caused by the interaction of radiation with matter.

**Prerequisite:** 1082 Radiographic Exposure I. SU

#### ALHLT 1142 IMAGING AND PROCESSING

An investigative study into the aspects of radiographic image formation, including film type and construction, screen type and construction, processing procedures and chemicals and their effects, and imaging equipment. Also examined are some various imaging modalities. SU

#### ALHLT 1151 RADIOGRAPHIC POSITIONING II

A comprehensive study which provides the student with the knowledge and experience to perform radiographic procedures not previously addressed, to include skull radiography and examinations not considered routine. **Prerequisite:** Radiographic Positioning I. SU

#### ALHLT 1162 RADIOLOGIC PATHOLOGY

An introduction to the concepts of disease and their resulting effects on human physiology, with specific emphasis on pathology and disease as it relates to various radiographic procedures. SU.

#### ALHLT 2116 CLINICAL PRACTICE III

A clinical education sequence designed to bring advanced positioning and exposure theory, as well as pathology, to a cohesive entity with information previously applied. Students will continue to work in the radiology department in the hospital environment, under the supervision of registered technologists. F

#### ALHLT 2121 RADIATION BIOLOGY

An introductory course designed to provide the student with the principles of cell radiation interaction. Radiation effects on cells and factors affecting cell response are presented, as well as acute and chronic effects of radiation exposure at varying levels. S

#### ALHLT 2132 SPECIAL PROCEDURES AND MODALITIES

An introductory course to the advanced modalities associated with radiology (C.T., ultrasound, nuclear medicine, etc.) and to special radiographic procedures not previously addressed (angiography, etc.) to include the definition and performance of each type, the indications/contraindications, and pathology demonstrated. S

#### ALHLT 2142 FILM RECOGNITION AND CRITIQUE

A comprehensive course designed to provide the student with the knowledge and experience to evaluate radiographic examinations, to identify and recognize diagnostic quality. Includes application of knowledge and skills acquired from 1053 Radiographic Positioning I and 1082 Radiographic Exposure I concurrently. S

#### ALHLT 2216 CLINICAL PRACTICE IV

A clinical education sequence designed to bring advanced positioning and exposure theory, as well as applications of pathology, to a cohesive entity with information previously applied. Students will continue to work in the hospital environment, under the supervision of registered technologists. F

#### PHY 2223 INTRODUCTION TO RADIOLOGIC PHYSICS

This course will provide the student with a knowledge of basic physics. To include fundamentals of x-ray generating equipment, information on x-ray production, beam characteristics, and units of measurement. S

#### ALHLT 2231 QUALITY ASSURANCE AND CONTROL

A comprehensive course designed to provide the student with an introduction to the evaluation of radiographic systems to assure consistency in the production of quality images. The components involved in the radiography system will be identified. Tests and procedures to evaluate these components will be examined. State and federal impacts will be described. S

#### ALHLT 2221 REGISTRY PREPARATION I

A comprehensive, two-part review of program aspects designed to help prepare the graduating students for A.R.R.T. Registry Board Exams, to include review of previous classes, simulated board exams, and submission of exam applications. S

#### ALHLT 2242 REGISTRY PREPARATION II

Final course to assist students in preparation for their national certification examination. Course includes successful completion of a minimum amount of simulated registry exams, review of information, and test-taking tips. SU

#### ALHLT 2315 CLINICAL PRACTICE V

A clinical education sequence designed to bring all didactic and laboratory knowledge, as well as previous clinical experience, to a cohesive entity. Students will continue to work in the radiology department in the hospital environment, under the direction of registered technologists. SU

#### ALHLT 2001-4 INDIVIDUAL STUDY IN ALLIED HEALTH (Topic)

Individual study on specified topic in Allied Health for undergraduate students. Credit: 1 to 4 semester hours.

#### ALHLT 2011-4 SEMINAR IN ALLIED HEALTH

Group study in specified topic in Allied Health for undergraduate students. Credit: 1 to 4 semester hours.

## PHYSICAL THERAPY

### PTA 1012 INTRODUCTION TO PHYSICAL THERAPY

This course will present the purpose, philosophy, and history of physical therapy and its relationship to other health care delivery systems. The student will be able to delineate the roles of physical therapy personnel, identify requirements for medical communication and documentation, and be made aware of the medical-legal aspects including professional ethics. **F**

### PTA 1023 BASIC HUMAN NEEDS

The student will be able to define “normal” in respect to vital signs, posture, range of motion and muscle function. He/she will be able to perform accurate testing of muscle strength and joint motion. The student will also be instructed in activities of daily living, proper body mechanics, and transfer techniques. Practical application of these techniques will be practiced in the laboratory. **F**

### PTA 1113 THREATS TO BASIC HUMAN NEEDS

The student will identify underlying circumstances and phases of disease and dysfunction, perform techniques to prevent secondary disabilities using special equipment as needed. Practical application of these techniques will be practiced in the laboratory. **S**

### PTA 1213 PAIN MANAGEMENT I

Students will be instructed in the various theories of pain, correctly positioning and draping patients for pain relief and for protection of modesty; heat/cold application, effectively administering massage and lymphapress intermittent pressure, relaxation and postural exercises; applying cervical and lumbar traction; paraffin, hydrotherapy; medical asepsis; and bandaging and dressing. Practical application of these techniques will be practiced in the laboratory. **F**

### PTA 1224 THERAPEUTIC EXERCISES I

Instruction will be given on rehabilitation techniques and neurophysiological approaches to treatment. Joint mobilization, range of motion, aquatics, amputees, prosthetics, and orthotics are introduced. Students will identify architectural barriers and make modifications to overcome the limitations they impose. Gait-training techniques with assistive devices will be performed. Practical application of these techniques will be practiced in the laboratory. **F**

### PTA 2013 PAIN MANAGEMENT II

Students will learn the principles and applications of various therapeutic modalities; electrotherapy, iontophoresis diathermy, biofeedback, laser, fluidotherapy, infrared, taping, ultrasound, and light therapy. Practical application of these techniques will be practiced in the laboratory. **S**

### PTA 2024 THERAPEUTIC EXERCISE II

Therapeutic exercises related to children are presented. Developmental sequences and primitive reflexes are introduced. Students will be instructed in cardiopulmonary treatments including cardiac rehabilitation and chest physical-therapy techniques. Practical application of these techniques will be practiced in the laboratory. **S**

### PTA 2032 CLINICAL PRACTICUM I

Clinical experience in local health care facilities to observe and practice PTA skills learned in class and lab sessions. Students will be under the supervision of a registered physical therapist and/or registered physical therapist assistant. **F**

### PTA 2112 PTA SYSTEMS/PROBLEMS

The student will assist the physical therapist in selected evaluation treatment and administrative activities, summarize the progression of comprehensive rehabilitation programs for major disabilities, describe and utilize selected administrative records and charge systems in physical therapy, discuss measures for quality assurance and cost containment, review proper ways to write a resume, and review for national board examinations. **S**

### PTA 2133 CLINICAL PRACTICUM II

Students are given the opportunity to practice PTA skills which have been acquired through the PTA Program in Physical Therapy Departments. Students will be under the supervision of a registered physical therapist and/or registered physical therapy assistant. **S**

## OCCUPATIONAL THERAPY

### OTA 1013 INTRO TO OCCUPATIONAL THERAPY

This course is designed to establish a knowledge base for the prospective OTA in that it emphasizes the human element of health care and the role the Occupational Therapy Assistant performs in providing this component. It focuses on the history and philosophy and gives an overview of assessment, evaluation and performance areas as well as the tools of practice. Theoretical frameworks and approaches and basic concepts of human development are also covered. **Prerequisites: General Education Requirements and acceptance into the Occupational Therapy Assistant Program. F**

### OTA 1012 KINESIOLOGY FOR OTA

This course builds on basic anatomic and physiologic concepts of human movement, emphasizing the kinesiological, anatomic and functional aspects of the skeletal musculature of the human body and their application to human motion. **Prerequisites: General Education Requirements and acceptance into the Occupational Therapy Assistant Program. F**

### OTA 1102 THERAPEUTIC MEDIA

The purpose of this course is to acquaint the student with basic craft techniques which may be utilized in a variety of treatment settings. Properties of crafts will be discussed and their application to different populations. **Prerequisites: General Education Requirements and acceptance into the Occupational Therapy Assistant Program. F**

#### OTA 2002 HEALTH CARE SYSTEMS AND OCCUPATIONAL THERAPY MANAGEMENT

This course will teach the OTA student the trends of health care in the past, present, and future. It will also explore various occupational therapy management styles, techniques, and applications. Proper documentation, methods, and reasoning for quality assurance will be covered. This course will also deal with fiscal management of occupational therapy service, the marketing of occupational therapy staff, and the importance and variety of research in occupational therapy services. **Prerequisites:** Acceptance into the Occupational Therapy Assistant program. S

#### OTA 2022 FIELDWORK I-A

This fieldwork experience will consist of exposure in various settings where occupational therapy services may be present. These experiences will allow the student to observe occupational therapy or other health related services. Students will do this to gain a better understanding of what OT is, where it may be found, and how it fits in with other related services. Students will also use this experience to develop professionalism, observation, and documentation skills. **Prerequisites:** Acceptance into the Occupational Therapy Assistant program. F

#### OTA 2102 THERAPEUTIC ACTIVITIES

This course provides the student with experience conducting individual and group activities, promoting the idea of therapeutic use of self. This course will acquaint the student with life skills activities, games, and everyday coping skills. This course will emphasize adaptation techniques for a variety of life activities and their purpose in treatment, and will introduce a variety of additional therapeutic techniques and applications. **Prerequisites:** Satisfactory completion of Semester I in Occupational Therapy Assistant specific course work. F

#### OTA 2113 PHYSICAL DYSFUNCTION AND TREATMENT TECHNIQUES

This course includes the study of occupational therapy principles, techniques of evaluation, and methods of treatment for individuals with problems in physical function. This course will present assessment and evaluation of occupational performance, therapeutic mechanism, and intervention strategies in treating individuals with neurological and orthopedic dysfunction as well as discharge planning and written documentation of client behavior and performance. **Prerequisites:** Satisfactory completion of Semester I of Occupational Therapy Assistant specific course work. S

#### OTA 2122 FIELDWORK I-B

In this course students will be able to initiate and apply concepts and techniques learned during academic preparation for practical situations. Students will work with clinical instructors, patients/clients, and team members in a therapeutic milieu. Written documentation and actual treatment will be the focus. **Prerequisites:** Satisfactory completion of Semester I of Occupational Therapy Assistant specific course work. S

#### OTA 2133 PEDIATRIC CARE IN OT

This course offers a comprehensive study in the approach of OT treatment in pediatrics. The course content will include normal development, diagnostic problems, frames of reference, documentation, and theory as it relates to pediatric intervention. It will also cover family/caregiver issues as related to pediatric OT and an introduction to pediatric evaluations, and basic concepts to human development. **Prerequisites:** Satisfactory completion of Semester I Occupational Therapy Assistant specific course work. S

#### OTA 2143 ELDERCARE IN OCCUPATIONAL THERAPY

This course offers a wide variety of treatment programs, media and modalities useful in working with late-life adults. It includes a comprehensive review of the aging process, with all of its psychosocial and physical ramifications. It is also a study of concepts of aging and intervention techniques to be employed in different practice settings, and specific concerns of working with both the well elderly and those with dysfunction; individually or in groups. **Prerequisites:** Satisfactory completion of Semester I Occupational Therapy Assistant specific course work. S

#### OTA 2153 PSYCHOSOCIAL DYSFUNCTION AND TREATMENT TECHNIQUES

This course includes the principles and techniques of evaluation and treatment for individuals who present emotional, cognitive, and psychosocial problems. Intervention strategies with selected individuals with psychosocial disturbances are covered. Emphasis is placed on oral and written documentation of client behavior and treatment techniques. **Prerequisites:** Satisfactory completion of Semester I in Occupational Therapy Assistant specific course work. S

#### OTA 2206 FIELDWORK II-A

This fieldwork experience enables the student to apply knowledge and skills learned in the classroom to practical situations. Students will be assigned to various clinical settings. The students will collaborate with fieldwork educators, client/patients, and team members. They will practice using occupation to restore wellness in clinical settings. **Prerequisites:** Satisfactory completion of Semester I and Semester 2 of Occupational Therapy Assistant specific course work. SU

#### OTA 2212 DISEASE PATHOLOGY

This course is designed to help OTA students become familiar with the various mental and physical health problems commonly dealt with in Occupational Therapy practice. This course will introduce the etiology, prognosis, signs and symptoms of these health problems. **Prerequisites:** Acceptance into the Occupational Therapy Assistant program. F

#### OTA 2216 FIELDWORK II-B

This fieldwork experience enables the student to apply knowledge and skills learned in the classroom to practical situations. Students will be assigned to various clinical settings. The students will collaborate with fieldwork educators, client/patients, and team members. They will practice using occupation to restore wellness in clinical settings. **Prerequisites:** Satisfactory completion of Semester I and Semester 2 of Occupational Therapy Assistant specific course work. SU



## HOSPITALITY

### HOSP 1003 INTRODUCTION TO HOTEL, RESTAURANT, AND GAMING MANAGEMENT

Provides an introduction to the various components of the hotel, restaurant & gaming industry. Topics will include the relationship between the travel and hospitality industry, the study of hotel, restaurant and gaming operations including the development of technology and its impact on the industry; trade associations; and career opportunities. The status and function of profit and non-profit tourism agencies will be discussed.

### HOSP 2103 GUEST RELATIONS AND CUSTOMER SERVICE

Students will learn to exhibit the skills necessary to perform productively in a public service industry. Topics will include problem solving and development of a plan of action necessary to operate successfully in the hospitality industry. This will include front desk management, guest safety and security issues, dealing with challenging customers, and retention of customers.

### HOSP 2113 LEGAL ISSUES IN HOSPITALITY

This course will investigate local, state, federal and international law as related to the hospitality industry. Other topics include guest safety, liability issues, employer responsibility, employee training, and legal issues in lodging, restaurant and gaming operations. Franchise agreements and management contracts will also be discussed.

### HOSP 2123 LODGING OPERATIONS

Provides an overview of the development and growth of the hospitality/lodging industry including the classification of lodging and establishments. Topics cover front desk operations, the housekeeping and engineering departments, guest safety and security issues, and the general manager's responsibilities.

### HOSP 2133 HOSPITALITY COOPERATIVE WORK EXPERIENCE

Students will gain essential skills in the workings of the hospitality industry by gaining useful experience while working under the supervision of veteran members of the industry. Students will work areas including but not limited to lodging establishments and restaurants where they will gain useful experience in guest relations, catering, and technology related to the field and the day to day operations of tourism oriented businesses.

### HOSP 2203 FOOD SERVICE SANITATION AND NUTRITION

The phases of good sanitation, public health laws and special problems in food and lodging sanitation are examined. The use of food preparation utensils, personal hygiene and preparation of utensils in a sanitary manner are studied. Topics include helping the food service manager become aware of nutritional concerns to the public. Students will understand individuals' nutritional needs and learn how to provide economical food selections. Basic principles of nutrition are related to menu planning and individual well-being.

### HOSP 2213 RESTAURANT MANAGEMENT (FOOD AND BEVERAGE OPERATIONS)

This course covers essentials of food and beverage controls. An awareness of management objectives is developed through the examination of organizational structures of food service and specific topics such as menu pricing, break-even analysis, and cost-volume-profit theory. Emphasis is placed on forecasting and achieving a profitable bottom line.

## HOSP 2223 DINING ROOM OPERATIONS & SERVICE

This course provides an introduction and practical application into the operation of a dining room with emphasis on guest service. Topics include: "front of the house" organization, methods of table service, menu terminology, table arrangement, requirements for supplies and equipment, suggestive selling techniques, and revenue control and analysis. Personnel issues include hiring, training, writing personal resumes, and strengthening interview skills. Students will serve meals prepared in a restaurant setting during the course of the semester. With Laboratory.

### HOSP 2233 CULINARY ARTS INTERNSHIP

This course will introduce students to the theory behind cooking and the organization of a professional food production facility. The class covers the history of cuisine, terminology, equipment use, and basic cooking techniques and skills needed to work in a commercial food service operation. Topics will also include principles of cooking, knife handling, equipment use, kitchen organization and the basic methods of food preparation are introduced in the following areas: stocks, soups, sauces, meats, fish, poultry, vegetables, starches, salads, cheese and desserts. Emphasis of high-quality preparation, presentation, and evaluation of food items. Product identification and sanitation are heavily emphasized. Students are responsible for required supplies and materials.

### HOSP 2303 BASIC ROOM AND GAMING OPERATIONS

Topics will include technology related to security of casinos and daily operations, general oversight of gaming tables and machines, enforcement of gaming rules and regulations, as well as general management duties and personnel issues.

### HOSP 2313 GAME OPERATIONS AND PROCEDURE

Development and operations of gaming and casino with attention to tax regulations, accounting and internal auditing procedures. Emphasis on gaming theory in relation to gaming tables and machines. Also focuses on problematic issues pertaining to gaming policy.

### HOSP 2323 LEGAL ISSUES IN GAMING

The study of methods used to monitor and prevent fraud and illegal game play as related to the casino. Emphasis will be placed on ethical standards, local, state and federal law as it relates to casinos.

### HOSP 2333 GAMING INTERNSHIP

In this course students will be able to initiate and apply concepts and techniques learned during academic preparation for practical situations. Emphasis will be placed on hands-on training in the gaming industry emphasizing daily operations, casino environment and management practices.



## **WILDLAND FIRE MANAGEMENT**

### **NRM 2103 WILDLAND FIRE MGMT**

This course exposes the student to the fundamentals of wildland fire management. Topics include fire behavior, fire related weather, wildland fire ecology, and the basics of wildland fire safety. Successful students gain certification in four National Wildfire Coordinating Group areas including S-130, S-190, I-100, and L-180. These are the four course areas required to become a federal Type II Wildland Firefighter. F, S

### **NRM 2112 ADVANCED FIREFIGHTING METHODS**

This course is designed to further the student's knowledge of portable pumps, the use of water and the use of fireline reference tools. Prerequisite: NRM 2103. F

### **NRM 2122 IGNITION OPERATIONS**

This course provides instruction relating to the functional roles and responsibilities associated with wildland firing operations. Prerequisite: NRM 2103. S

### **NRM 2132 FIRELINE LEADERSHIP & ICS**

This course is designed to help the student in the preparation of stepping into a leadership role regarding firefighting. The course will combine classroom instruction with a field leadership assessment course including a detailed look into the incident command system. Prerequisite: NRM 2103. F

### **NRM 2993 Internship in Wildland Fire Management**

Practical application, devoted to serving an apprenticeship in a professional setting. Students serve under selected professionals in a variety of local, state, federal and non-profit agencies. (120 hours) F, S, SU



**SWOSU**<sup>TM</sup>  
Southwestern Oklahoma State University  
*The focus is you.*