

# **SOUTH ARKANSAS COMMUNITY COLLEGE**

## **2008-2009 Catalog**

**1-800-955-2289**  
**[www.southark.edu](http://www.southark.edu)**

West Campus  
300 S. West Ave.  
El Dorado, AR  
71730  
870-862-8131

East Campus  
3696 East Main Rd.  
El Dorado, AR  
71730  
870-862-8131

Warren Site  
800 N. Walnut  
Warren, AR  
71671  
870-226-6920

# President's Welcome

## A Message from the President

*Welcome to South Arkansas Community College. As a comprehensive community college we provide programs and services for the citizens of south Arkansas. Our dedicated faculty, staff and administration are here to assist you in meeting your educational goals.*

*SouthArk is a learning centered institution. We strive to place learning first and are dedicated to student development and success. We make students active partners in the learning process.*

*This catalog provides information about our programs and services. We offer a variety of educational opportunities with flexible and varied methods of delivery. This includes classroom instruction and distance education course offerings.*

*We encourage you to contact us directly or visit our college. For more information about South Arkansas Community College please visit our web site at [www.southark.edu](http://www.southark.edu).*

*Sincerely,*

**Alan Rasco Ed.D.**  
*President*

## Un Mensaje del Presidente

*Bienvenido a South Arkansas Community College. Nosotros como entendida universidad comunitaria que somos proveemos programas y servicios para los habitantes del sur de Arkansas. Nuestros dedicados facultativos, personal y administración están para asistirlo en lograr sus metas educativas.*

*SouthArk es una institución centrada en el aprendizaje. Nos esforzamos por ponerlo en primer lugar y nos dedicamos al desarrollo y éxito de nuestros estudiantes. Hacemos de nuestros estudiantes socios activos en el proceso de aprendizaje.*

*Este catálogo prove información acerca de nuestros programas y servicios. Ofrecemos una variedad de oportunidades educacionales con flexibles y variados métodos de enseñanza. Esto incluye instrucción en clase y cursos educativos ofrecidos a distancia.*

*Le animamos a que se contacte con nosotros directamente vía telefónica o que visite nuestra universidad. Para más información acerca de South Arkansas Community College por favor visite nuestra página web [www.southark.edu](http://www.southark.edu)*

*Sinceramente,*

**Alan Rasco Ed.D.**  
*Presidente*

South Arkansas Community College has published this catalog to provide general information regarding program and course offerings. The information contained is the most accurate available at the time of publication, but changes may become effective before the next catalog is printed. This catalog is not a legal contract, and all provisions contained herein are subject to change. It is ultimately the student's responsibility to stay abreast of current regulations, curricula, and the status of specific programs being offered. Further, the college reserves the right to modify requirements, curricula offerings, and charges and to add, alter, or delete courses and programs through appropriate procedures. While reasonable efforts will be made to publicize such changes, students are encouraged to seek current information from appropriate offices and to read the Student Handbook, which contains more information on student life and college policies.

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*The cover photo and original artwork created by Regalado R. de Rueda.*

# About the College

**A Historical Summary**  
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**Helpful Contacts at SouthArk**

## **A Historical Summary**

South Arkansas Community College, known locally as SouthArk, is a public, comprehensive community college with an open-door policy, providing educational programs, workforce development, civic and cultural enrichment, and support services to students and residents in its service area. Formed from a merger of Southern Arkansas University, El Dorado Branch (SAU-EB), and Oil Belt Technical College (OBTC), South Arkansas Community College was approved by a 62 percent majority vote in Union County in March 1992. Then Governor Bill Clinton appointed a nine-member Board of Trustees, and all assets and liabilities of Oil Belt and SAU-EB were transferred by June 30, 1992, to SouthArk. The former OBTC became known as the East Campus and SAU-EB the West Campus.

## **Mission Statement**

South Arkansas Community College promotes excellence in learning, teaching, and service; provides lifelong educational opportunities; and serves as a cultural, intellectual, and economic resource for the community.

## **Purposes of the College**

1. To provide an environment that fosters excellence in learning and teaching.
2. To provide a university transfer program of high academic quality for students who plan to continue their education.
3. To offer degree and certificate programs to develop or enhance occupational skills that prepares learners for a changing global economy.
4. To provide developmental courses to prepare students to do college level work.
5. To provide adult education and workforce development.
6. To provide comprehensive student services to enhance students' success.
7. To promote the civic and cultural life and the economic development of the community.
8. To make education accessible through innovative instructional methods.

## **Values**

The college has identified six values statements that serve as guiding principles in fulfilling the Mission Statement.

1. **Excellence in Education**  
We are committed to providing students access to a highly competent, innovative, and supportive faculty and staff; modern facilities equipped with current technology; and high-quality academic and occupational programs.
2. **Student Learning**  
We are committed to providing support, respect, and encouragement, thereby enabling students to achieve their educational goals and develop skills for lifelong learning.
3. **Contribution to the Community**  
We strive to serve the academic, occupational, and enrichment needs of the community; enhance its quality of life; and support economic development in South Arkansas.
4. **Quality of Work Environment**  
Recognizing that everyone contributes to the learning process, we value each member of our college community; foster respect, trust, and support among faculty, staff, and students; encourage responsible, creative risk-taking and innovation; and recognize and reward exceptional performance and integrity.
5. **Respect for Diversity**  
Believing that everyone should have an opportunity to learn and succeed, we value intellectual and cultural diversity in the classroom, in the workplace, and in the community.
6. **Commitment to Accountability**  
We are committed to continuous evaluation of our institution to address the needs of the present and to meet the challenges of the future.

**Board of Trustees**

A nine-member Board of Trustees governs the College. The Governor appoints each member for a six-year term. The college's Board members and the expiration dates of their terms are shown below.

Ms. Martha Beebe.....	12-31-2008
Mr. Steve Cameron.....	12-31-2010
Mr. Steve Cousins, Chair.....	12-31-2008
Ms. Veronica Creer, Secretary.....	12-31-2012
Mr. John Dews, Vice Chair.....	12-31-2010
Ms. Sherrel Johnson.....	12-31-2012
Dr. Kermit Parks.....	12-31-2008
Mr. David Ross.....	12-31-2010
Mr. Charlie Thomas.....	12-31-2012

**South Arkansas Community College Foundation, Inc.**

The South Arkansas Community College Foundation exists to build leadership, scholarship, and partnership by increasing donor support, rewarding excellence, and elevating the stature and importance of the College locally, regionally, and nationally. The Foundation, a private, non-profit corporation organized under a tax exempt 501 (c) (3) status, secures funds – above and beyond state and local appropriations – to further enhance the efforts of the College.

All contributions are tax deductible as allowed by law. Foundation Board members are as follows:

- |                                    |                             |
|------------------------------------|-----------------------------|
| Clara Jones (President)            | Luther Lewis                |
| Martha Sue Beebe (Vice President)  | Tandy Menefee               |
| Robin Carroll (Secretary)          | Deborah Nolan               |
| Pete Parks (Treasurer)             | Terry Norman                |
| Cynthia Reyna (Executive Director) | David Skinner               |
| Steve Cameron                      | Jeff Teague                 |
| John Dews                          | Charles Thomas              |
| Wayne Gibson                       | Steve Wells                 |
| Randy Haynie                       | Knox White                  |
| Phil Herring                       | Dr. Alan Rasco (Ex Officio) |
| Dr. Carolyn Langston<br>(Emeritus) | Vernie Meador (Ex Officio)  |

**Accreditation and Affiliations**

The College is accredited by The Higher Learning Commission and is a member of the North Central Association of Colleges and Schools (North Central Association of Colleges and Schools, 30 N. LaSalle Street, Suite 2400, Chicago, IL 60602-2504; phone 312-263-0456; www.ncahigherlearningcommission.org). The institution is approved by the Arkansas State Department of Higher Education and the Veterans Approval Agency of the Arkansas Department of Education. The college also holds institutional membership in the American Association of Community Colleges (AACC). Health Sciences programs are accredited by their respective accrediting organizations: the Committee on Accreditation of Allied Health Education Programs upon recommendation by the National Accrediting Agency for Clinical Laboratory Sciences for the Clinical Laboratory Science Program; the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA); the Commission on Accreditation in Physical Therapy Education (CAPTE); and the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, (312) 704-5300, e-mail: mail@jrcert.org; The Commission on Accreditation of Allied Health Education Programs (CAAHEP), 1361 Park Street, Clearwater, FL 33756, (727) 210-2350 for Emergency Medical Technology. The National Institute for Automotive Service Excellence accredits the Automotive Service Technology Program.

**Equal Opportunity/Affirmative Action Statement**

South Arkansas Community College does not discriminate against any individual on the basis of race, gender, nationality or national origin, age, religion, sexual orientation, or disability in making decisions regarding employment, student admission, or other functions, operations, or activities.

The College is in compliance with Titles VI and VII of the Civil Rights Act of 1964; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973; and the Americans with Disabilities Act of 1990 (ADA).

Persons having questions or seeking information regarding the College’s compliance with and implementation of the aforementioned regulations should contact:

Affirmative Action/Equal Opportunity Officer  
c/o Personnel Office  
South Arkansas Community College  
300 Southwest Ave.  
El Dorado, AR 71730  
(870) 862-8131 or 1-800-955-2289 Toll Free

### **Sexual Harassment**

The College community is considered to be a place of work and study free of harassment, which includes sexual harassment and all forms of sexual intimidation and exploitation. The determination of sexual harassment will vary with the particular circumstances, but may be described generally as inappropriate or unwanted sexual behavior such as physical contact, verbal comments, or suggestions which adversely affect the working or learning environment of others. Anyone who is subjected to offensive sexual behavior is encouraged to contact the Human Resource Department.

### **Complaints from the Public**

Members of the public may meet with college administration to informally discuss a concern or issue or may file a written complaint as they deem necessary. The complaint may be against an employee, organization, or student. Complaints or suggestions should be presented informally to the Vice President of Academic Affairs and Student Services. An appointment can be made by phoning 870-864-7127 or 870-864-7155. Notification of a complaint should occur as soon as possible after an incident or within 10 working days.

During the appointment, members of the public can informally express their concerns, provide suggestions, or discuss a complaint. Members of the public are advised that if action on a complaint is called for, it may not be possible to maintain confidentiality. Also, college administrators may be required to take action on a complaint as required by law and for the good of the college.

The Vice President of Academic Affairs and Student Services may respond to the complaint, refer the complaint to another Vice President, or assign an investigator to gather facts and provide them to the correct Vice President. The appropriate Vice President will contact the complainant to describe action taken within 10 working days or identify a date when an investigation will be completed and a decision made. If the action taken or decision rendered by the Vice President is unacceptable to the member(s) of the public, he/she may file a written appeal to the college President. The appeal should be in letter format describing the complaint or issue and explaining why the action or decision of the Vice President should be overturned. The President will render a decision within 10 working days after the written complaint is delivered.

## Drug-Free Campus and Workplace

South Arkansas Community College is committed to providing a drug-free campus/workplace and will assist authorities in enforcing all applicable legal sanctions under local, state, and federal law for unlawful possession, use, or distribution of drugs and alcohol. Offenders will be expelled from college and be subject to prosecution.

## Statement of Compliance

South Arkansas Community College endeavors to be in compliance with all federal, state, and local laws in regard to fire, building, sanitation, and safety codes.

## Helpful Contacts at SouthArk

FOR	WHO	WHERE	PHONE
Academic Advising	Cathy Harrell	AB104A/W	864-7141
Academic Probation	Dean Inman, Director of Enrollment Services	AB104B/W	864-7142
Adult Education	Patricia Bates, Director of Adult Basic Education	CB106E	864-7182
Automotive Service Technology Program	Karsten Tidwell, AST, Inst. Doyle Manis, AST, Inst.	CB153E	862-8131 Ext. 361 862-8131 Ext. 124
Business and Computer Programs	Donna Hendricks Vicki Badgley	CT206W CT131W	864-7177 864-8400
Community Classes Contract Training	Lynda Richardson, Director of Corporate and Community Edu.	WF149E	864-7193
Computer Services	Dr. Timothy Kirk, Chief Information Officer	CT226W	864-7154
Counseling	Mary Ellen Wilson	AB106C/W	862-8131 Ext. 235
Distance Learning	Terry Patterson, Director of Distance Learning	CT123W	862-8131 Ext. 406
Drop/Add Courses	Dean Inman, Director of Enrollment Services	AB104B/W	864-7142
Early Childhood Education	Mary Pat Cook, Director of Education	AB203D/W	864-7184
Enrollment Services Office	Dean Inman, Director of Enrollment Services	AB104B/W	864-7142
Emergency Medical Technology Program	Ken Kelley, Director of EMT	WF130E	864-8496
Financial Aid	Veronda Tatum, Director of Financial Aid	AB105D/W	864-7133
GAIN Project	Roslyn Nipper, Director	WF113E	864-8452
Graduation Applications	Dean Inman, Director of Enrollment Services	AB104B/W	864-7142
Health and Natural Sciences	Dr. George Roberts, Dean	CB106W	864-7102
Health Information Tech.	Debra Moring, Director of HIT	CB229A/W	864-7165
Human Resource/Equal Opportunity Affirmative Action	Becky Riggs, Personnel Director	AB304B/W	864-7146



Industrial Equipment Maintenance	Dr. Lynn Persyn, Vice President of Workforce Education	CB109E	864-8410
Institutional Research	Dr. Debra Hagen-Foley, Director of Institutional Effectiveness	AB102A/W	862-8131 Ext. 413
ID Cards	Casey Martin, Director of The Learning Center	CT220W	864-7197
Industry/Business Training	Lynda Richardson, Director of Corporate and Community Edu.	WF149E	864-7193
Liberal Arts and Business	Dr. Tom Young, Dean	AB203B/W	864-7156
Media Relations	Amanda Cooley, Public Information Officer	AB105C/W	864-7111
Music/Piano/Voice Lessons	Victoria Harden, Music Instructor	AB229C/W	864-7176
Network Security Technology	Vicki Badgley, Instructor NST	CT131W	864-8400
Occupational Therapy Assistant Program	Dr. Sandra Pugh, Director of OTA	CB242W	864-7171
Parking Issues	Carl Blake, Public Safety Director	CB125W	864-7125
Parking Stickers	Casey Martin, Director of The Learning Center	CT220W	864-7197
Physical Therapist Assistant Program	Dr. Jennifer Parks, Director of PTA	CB231B/W	864-7189
Practical and RN Nursing Programs	Nita Green, Director of Betty Owen School of Nursing	CB113W	862-8131 Ext. 136
Publicity	Amanda Cooley, Public Information Officer	AB105C/W	864-7111
Radiologic Technology	Debby Edney, Director	CB 115W	862-8131 Ext. 226
Recruitment	Randy Jerry, Recruiter and Student Activities Specialist	CT104A/W	864-8414
<b>Room Scheduling:</b>			
Administration Bdg. (W)- Board & Conference Rooms Atrium, Classroom Building Conference Room, CT Building Library Auditorium Student Center, CT Building	Susan Jordan, Administrative Assistant, Office of the President	AB203B/W	864-7107
Classrooms (W) Administration-- 202, 206 Classroom Building--103, 210, 211, 212, 213,214, 215,226,227,228 Computer Technology Building--126, 131, 140, 203, 209, 225	Diana Hunt, Division Secretary Liberal Arts and Business	AB205W	862-8131 Ext. 275
Classrooms and Labs (W) Classroom Building—101, 102, 108, 133, 135, 209, 230, 231	Donna Bone, Division Secretary, Health and Natural Sciences	CB106W	862-8131 Ext 424

Compressed Interactive Video Labs – CB208, CT128 Gymnasium	Terry Patterson, Director of Distance Learning	CT123W	862-8131 Ext. 406
	Carol Modica-Smith, Business Office	AB304W	864-7160
	Dr. George Roberts, Dean of Health and Natural Sciences	CB106W	864-7104
Workforce Building, Classrooms/Conference Rooms (E)	Amanda Miller, Secretary, Corporate and Community Edu.	WF146E	864-7192
Scholarships	Veronda Tatum, Director of Financial Aid	AB105D/W	864-7133
Security/Emergencies	Carl Blake, Director of Public Safety	CB125 W	864-7125
Secondary Career Center	Dr. Larry Moser	CB146E	864-7110
SouthArk Off-Campus Programs	Dr. Valeriano Cantú, Vice President of Academic Affairs and Student Services	CB102B/W	864-7155
Student Activities and Organizations	Randy Jerry, Recruiter and Student Activities Specialist	CT104A/W	864-8414
Student Placement	Lynda Richardson, Director of Corporate and Community Edu.	WF149E	864-7193
Student Loans	Veronda Tatum, Director of Financial Aid	AB105D/W	864-7133
Student Schedules	Dean Inman, Director of Enrollment Services	AB104B/W	864-7142
Student Support Services (TRIO)	Elizabeth Dugal, Director of Student Support Services	AB106D/W	864-7179
Surgical Technology	Keitha Davidson, Program Director	MCSA, Warner Brown Campus	875-2348
Teaching (AAT) Program	Mary Pat Cook, Director of Education	AB203D/W	864-7184
Testing – COMPASS	Casey Martin, Director of The Learning Center	CT220W	864-7196
GED	Patricia Bates, Director of Adult Education	CB106E	864-7182
HOBET	Casey Martin, Director of The Learning Center	CT220W	864-8424
MAPP	Dr. Debra Hagen-Foley, Director of Institutional Effectiveness	AB102A/W	864-8413
TABE	Patricia Bates, Director of Adult Education	CB106E	864-7182
Textbooks	Whit Sandifer, Bookstore Manager	CB132W	864-7151
Transcripts	Lillie Wright, Enrollment Services Office	AB104W	862-8131 Ext. 244
Truck Driver Training	Dr. Lynn Persyn, Vice President of Workforce Education	CB109E	864-8410
Tuition & Fee Information	Gwenda Island, Business Office	AB302D/W	864-7105
Tuition & Fee Payments	Bookstore	CB132W	864-7163

Tutoring (The Learning Center)	Casey Martin, Director of The Learning Center	CT220W	864-7197
Veterans Affairs	Veronda Tatum, Director of Financial Aid	AB105D/W	864-7133
Welding Technology Program	Benny Wilson, Instructor Jay Glass, Instructor	WB103E	862-8131, Ext. 338
Withdrawal from Class	Mary Fallin, Enrollment Services Office	AB104W	862-8131, Ext. 243
Workforce Development	Lynda Richardson, Director of Corporate and Community Edu.	WF149E	864-7193
Workforce Education	Dr. Lynn Persyn, Vice President of Workforce Education	CB109E	864-8410
Work Study Program	Kristi Rainwater, Financial Aid Officer I	AB105A/W	862-8131 Ext. 238

## Academic Calendar 2008-2009

### Fall Semester 2008

Aug. 20	Wednesday	Faculty In-Service (campus closed)
Aug. 21	Thursday	Advising and registration
Aug. 22	Friday	Advising and registration
Aug. 25	Monday	Classes begin
Aug. 26	Tues., 4 p.m.	Last day of late registration or to add a class without instructor permission
Sept. 1	Monday	Labor Day holiday
Sept. 2	Tues., 4 p.m.	Last day to change to audit status
Oct. 10	Friday	Last day to apply for December graduation
Oct. 24	Friday	Faculty In-Service
Nov. 26	Wednesday	Thanksgiving holiday, no classes
Nov. 26-28	Wed.- Fri.	Thanksgiving holiday (students and faculty)
Dec. 10	Wednesday	Last day to withdraw from a course with a grade of "W"
Dec. 12	Friday	Last day of regular classes
Dec. 15-18	Mon.-Thurs.	Final examinations
Dec. 19	Friday	Grades due electronically
Dec. 19	Friday	Semester ends

(80 teaching days & 4 In-Service)

### Spring Semester 2009

Jan. 6	Tuesday	Faculty In-Service (campus closed)
Jan. 7	Wednesday	Advising and registration
Jan. 8	Thursday	Advising and registration
Jan. 9	Friday	Advising and registration
Jan. 12	Monday	Classes begin
Jan. 13	Tues., 4 p.m.	Last day of late registration or to add a class without instructor permission
Jan. 19	Monday	Martin Luther King holiday
Jan. 27	Tuesday	Last day to change to audit status
Feb. 24	Tuesday	Last day to apply for May graduation
March 23-27	Mon.-Friday	Spring break (students and faculty)
April 29	Wednesday	Last day to withdraw from a course with a grade of "W"

May 1	Friday	Last day of regular classes
May 4-7	Mon.-Thurs.	Final examinations
May 8	Friday	Grades due electronically
May 8	Friday	Semester ends - May Commencement (79 teaching days & 4 Registration and In-Service)

## Summer Semester 2009

### First Term

May 21	Thursday	Advising and registration
May 22	Friday	Advising and registration
May 25	Monday	Memorial Day holiday
May 26	Tuesday	Classes begin
May 27	Wednesday	Last day of late class registration or to add a class
June 2	Tuesday	Last day to change to audit status and last day to apply for August graduation
June 17	Wednesday	Last day to drop a class/withdraw from the college
June 26	Friday	First summer term ends and Final Exams

### Second Term

June 25	Thursday	Advising and registration
June 26	Friday	Advising and registration
June 29-30	Mon.-Tues.	Mid-Session break
July 1	Wednesday	Classes begin
July 2	Thursday	Last day of class registration or to add a class
July 3	Friday	Fourth of July Holiday, college closed
July 8	Wednesday	Last day to change to audit status
July 30	Thursday	Last day to drop a class/withdraw from the college
August 4	Tuesday	Second summer term ends and Final Exams

### Long Term

May 21	Thursday	Advising and registration
May 22	Friday	Advising and registration
May 25	Monday	Memorial Day holiday
May 26	Tuesday	Classes begin
May 27	Wednesday	Last day of late class registration or to add a class
May 28	Thursday	Last day to apply for August graduation
June 2	Tuesday	Last day to change to audit status
June 29-30	Mon.-Tues.	Mid-Session break (students and faculty)
July 1	Wednesday	Classes resume
July 30	Thursday	Last day to drop a class/withdraw from the college
August 4	Tuesday	Long summer term ends and Final Exams

Note: The College reserves the right to adjust the calendar in the event of inclement weather or other unforeseen circumstances.

### Inclement Weather

The decision to cancel classes because of the weather will normally be made by 6 a.m. If students do not hear a media announcement that the college is closed, classes are canceled, or classes will begin late, they should proceed as usual. When classes are canceled because of inclement weather, the following local media will be notified: KTVE Channel 10, KIX

103.3 FM, Eagle 93.3 FM, and KLBQ 98.7 FM. The College may reschedule canceled classes. Students should exercise judgment for personal safety regardless of college announcements since the SouthArk administration is unable to review all road conditions throughout the college's service area. Should a situation arise during the normal workday after students, faculty, and staff have arrived on campus, the President will announce the decision through normal campus communications such as e-mail. If the decision involves the cancellation of evening classes, area media will also broadcast the announcement.

**Hours of Operation**

The College is normally open between the hours of 8 a.m. and 5 p.m. Monday through Friday during the academic calendar year. However the college does close the campus early before holidays. The hours of operation during the summer sessions will be shortened on Friday afternoon.

# Admissions Information

**Admissions Requirements**  
**Application Procedures**  
**When to Apply**  
**Re-Admissions**  
**Credit Transfers**

**Credit for Previous Training or Experience**  
**Applying to Medical Programs**  
**Withdrawing From College**

## **Admission Requirements:**

South Arkansas Community College has an open-door admissions policy and offers equal educational opportunities for all citizens in the service area. Admission to the college does not ensure acceptance into a particular course or program of study. No one shall be denied admission based on race, gender, nationality, sexual orientation or national origin, age, religion, or disability.

## **Application Procedures**

To be accepted to the college, applicants must provide the following to the Enrollment Services Office:

1. A completed application for admission.
2. An official high school transcript and/or GED scores and college transcripts from every college attended or, if not a high school graduate or GED recipient, evidence of the ability to do college-level work.
3. Scores from one of the following five admissions tests: American College Testing Program (ACT), Scholastic Aptitude Test (SAT), Assessment of Skills for Successful Entry and Transfer Test (ASSET), or Computerized Adaptive Placement and Support System (COMPASS).
4. Proof of immunization. Arkansas State Law requires college students who were born after January 1, 1957, to provide proof of two immunizations against measles and rubella. Measles and rubella vaccines must have been received after the first birthday and after January 1, 1968.
5. Health Science programs may require a background security check (and a fee of \$50) before students can work at a medical site as a clinical student.

## **When to Apply**

SouthArk semesters start in August, January, and May. Optional starting dates throughout the year are available in some programs. Applications may be made at any time. Check with the Enrollment Services Office. **STUDENTS ARE ENCOURAGED TO APPLY EARLY TO HAVE THE BEST CHANCE TO SECURE A PLACE IN A PROGRAM.**

## **Re-Admission (Former students of SouthArk)**

Students previously enrolled at South Arkansas Community College who have been out of school for one or more semesters should contact the Office of Admissions. They must provide official transcripts from all institutions attended since their previous enrollment at South Arkansas Community College along with current demographic information.

## **Credit Transfers**

### **Acceptance of Transfer Credits**

Transfer credit will be evaluated by the Enrollment Services Office and added to the permanent record only for persons who are enrolled as degree-seeking students.

Credit earned at another college will be transferred to SouthArk if the institution is regionally accredited and the student successfully completed the course with a “C” or higher. Credits earned at other institutions will not be calculated in the student’s SouthArk cumulative GPA. To receive a degree from SouthArk, a student must complete any 30 hours or the last 15 hours at SouthArk.

### **Advanced Placement Program**

South Arkansas Community College participates in the Advanced Placement Program (AP) of the College Entrance Examination Board for entering freshmen. A student who submits the official test transcript verifying earned scores of 3, 4, or 5 may be awarded college credit for an equivalent course listed in the general catalog. This policy includes the opportunity for a high school graduate to enter with sophomore standing if sufficient credit has been earned in the AP program. Credit permitted will be allowed for the corresponding course or sequence of courses at the College, but no grade will be assigned to the approved credit nor will the hours meet residency requirements. Students who earn a 3 on an AP exam should be aware that credit may not be awarded for that score should they transfer to another college or university. Students should check with the registrar of any institution they plan to transfer to if they have AP test scores of 3 to determine what level of credit or placement they will receive for this score. Scores of 4 or 5 carry an award of credit at all public institutions of higher education in Arkansas. Twelve hours of credit must be completed at South Arkansas Community College before AP credit is listed on the transcript.

### **Tech-Prep Program Articulation Agreements**

Tech-Prep is a national educational reform movement, defined by the Carl D. Perkins Act and aimed at producing a highly skilled workforce. South Arkansas Community College has developed Tech-Prep articulation agreements with a number of school districts and will accept credit earned in these programs. It is the responsibility of the students to submit to the Enrollment Services Office copies of articulation agreements for courses that will be transferred from high school programs. Twelve hours must be completed before articulations are listed on the transcript.

### **College-Level Examination Program (CLEP)**

The College awards credit on the basis of the College-Level Examination Program. Twelve hours of credit must be completed at South Arkansas Community College before students may petition for CLEP credits to be posted to their transcript.

### **Credit by Examination**

South Arkansas Community College offers credit by examination for some of its introductory courses. In order to receive such credit, the student must petition the department involved. The following guidelines are used for awarding college credit to students:

1. Examinations are offered during the first week of each semester unless other arrangements have been made with the department involved.
2. A non-refundable fee of \$12 per semester credit plus a \$7 testing fee must be paid to the cashier in the Bookstore before the test is administered. The Bookstore will provide the student a receipt authorizing testing.
3. Examinations are not available for basic studies courses, performing music and studio art courses, physical education courses, or courses covered by the CLEP exam.
4. Credit will be awarded to students making a minimum score of 80 percent on the examination. Credit earned is awarded on a pass/fail basis only.

5. A student may earn a maximum of thirty (30) combined CLEP and credit-by-examination hours.
6. Students must earn twelve (12) semester credits applicable to a degree or certificate at South Arkansas Community College before petitioning for credit by examination to be posted to their transcripts. Students are responsible for requesting that credit by examination be recorded on the transcripts.
7. Students are not permitted to receive credit by examination for courses in which they have previously been enrolled.
8. To receive credit by examination, students must request a challenge course form from the Vice President of Academic Affairs and Student Services.

### **Credit for Previous Training or Experience**

Students with knowledge or skills equivalent to those required in courses taught at South Arkansas Community College may be awarded credit in those courses. In order to earn such credit, the student must petition the department involved and the Vice President of Workforce Education. The department will make its recommendation upon the evaluation of a portfolio completely defining the experience or training for which credit is sought. The college will also consider granting credit based on the *College Credit Recommendations* published by the University of the State of New York, the *Guide to the Evaluation of Educational Experiences in the Armed Services*, and the *American Council on Education*, or other similar guides. The maximum number of credits awarded for previous experience including that demonstrated by CLEP examinations shall not exceed thirty (30) credits.

### **Applying to Medical Programs**

Students applying for admissions to some programs in the Health Sciences Division will be required to have a background security check. Students will be charged a fee to apply to these programs. The background check is a requirement for students to participate in clinical sites. The fee will be \$50 but the amount may change at any time and is not refundable. The results of the background check will become part of the student's confidential file. To be accepted at clinical sites, students must sign a Release of Information form that will allow the College to transfer this specific information to clinical sites. The college may refuse to admit students whose background checks limit full participation at established clinic sites.

### **Withdrawing from College**

The College recognizes and understands that circumstances sometimes require a student to withdraw from the College. Students need to discuss withdrawal with their advisors to determine if alternatives may be available. If instructors or faculty advisors are not available, students should seek assistance at the Enrollment Services Office. The procedure for withdrawal is outlined below. Failure to complete this procedure constitutes improper withdrawal and could result in failing grades on students' permanent academic records and cause future problems with financial aid.

To withdraw from the college the student must:

1. Complete an add/drop/withdrawal form
2. Obtain Instructor's signature (after 11th class day)
3. Obtain the faculty advisor's signature
4. Obtain a Financial Aid Officer's signature
5. Obtain a Business Officer's signature
6. Turn in the completed form to the Enrollment Services Office
7. Retain white copy for future reference.



# Registration and Enrollment

## Steps in Registering Using

**Campus Connect**  
**Registration Sessions**  
**Course Availability**  
**Academic Advising**  
**Academic Appeals**  
**Changing a Schedule/ Dropping**  
**and Adding Courses**  
**Basic Studies Requirements**  
**Academic Standards**  
**Course Length**  
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## Course Load

**Photo Identification Cards**  
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**Academic Honesty Policy**  
**Class Attendance Policy**  
**Scheduled Absences**  
**Withdrawal for Excessive Absences**  
**Student Assessment**

## Steps in Registering Using Campus Connect

Students may register online using a computer and the *Campus Connect* software or may register in person by visiting the Enrollment Services Office. *Campus Connect* will not allow students to register for courses if they have not met the prerequisite requirements. For example students required to take developmental course Writing II cannot register for Composition I. To register using the computer, students should complete the following steps.

1. Apply to the college first. All previously enrolled students must have met their financial responsibilities to the college. *Campus Connect* will not allow students to register unless they have applied and been accepted to the college.
2. Check with Enrollment Services for their passwords since user names and passwords are randomly created by the computer to protect privacy.
3. Access the college webpage at [www.southark.edu](http://www.southark.edu) and click on *Campus Connect*.
4. Use the college catalog to identify the graduation requirements for their programs. Unofficial transcripts are available in *Campus Connect*, and the graduation requirements are in the college catalog and on the homepage.
5. Get a copy of the master schedule. Confer with an academic advisor for assistance in person or by emailing a Division Dean at [advisor@southark.edu](mailto:advisor@southark.edu).
6. Add courses to their schedules by following the directions on the screen. Students will not be allowed to register for a course if they have not completed the prerequisites, including basic studies courses. Grades are available only by using *Campus Connect*.

## Registration Sessions

All first-time students enrolling in fall or spring semester classes are advised to attend an orientation and registration session on campus conducted during convenient times. See the current semester Course Schedule for more information.

## Course Availability

SouthArk offers degree and certificate classes during the fall, spring, and summer semesters. The registration dates for these terms are listed in the Academic Calendar and in class schedules that are published and posted on the College's web site in advance of each term. Not all classes are offered every semester. Students should check the Course

Descriptions section of the catalog to determine when courses are offered. The College reserves the right to add, cancel, combine, or divide classes; to change the time, date, or location of class meetings; to reassign instructors; and to do so without incurring obligation.

### **Academic Advising**

The purpose of academic advising at South Arkansas Community College is to communicate the expectations of the College, to orient students to higher education, and to help students meet their career goals. The program instructors in health, business, computers, natural sciences, and technical programs serve as academic advisors for students enrolled in these programs. Students in the AA Degree program can select an advisor of their choice. Students in all programs can seek academic advice by using **advisor@southark.edu**. Advisors are available during their posted office hours and during registration.

### **Academic Appeals**

Students have the right to seek relief from those decisions that adversely affect their academic standing, such as admission to and continuance in programs, grades, and actions relating to cheating or plagiarism. When students believe they have been treated unfairly, the following procedures will provide redress of their complaint or grievances:

Step 1: Within ten (10) days of the alleged incident, the student discusses the problem with his/her instructor, academic advisor, or program director. If the problem is not resolved, then:

Step 2: Within ten (10) days, the problem is discussed with the Division Dean, who will explore the issue with the persons involved and seek a satisfactory solution. If the student is not satisfied with the solution proposed by the division chairperson, then:

Step 3: The student must present, in writing, within five (5) working days of the discussion with the Division Dean, a complaint to the office of the Vice President of Academic Affairs and Student Services (VPAASS). The complaint must include the specific grievance and specific remedies sought. The VPAASS has five (5) working days to respond in writing to the student. The VPAASS shall have the option of conferring with all parties to the complaint. If the student is not satisfied with the actions taken by the VPAASS, then:

Step 4: Within five (5) working days, the student must present to the VPAASS a written request for a formal hearing before the Academic Hearing Committee, a sub-committee of the Academic Standards Committee. This committee shall consist of three faculty members from the Academic Standards Committee and two students appointed by the Student Services Committee. Within five (5) working days of hearing the appeal, the Academic Hearing Committee will submit a written decision to the parties involved and to the President of the College.

In cases of grades, the Academic Hearing Committee can only recommend changes since the instructor has final authority; however, the instructor should give serious consideration to the Committee's recommendation.

The Academic Hearing Committee is charged with hearing formal complaints from students if problems cannot be resolved at more informal levels. The Committee reviews those cases in which rigid application of college regulations or policy might result in injustice to individuals. The Committee has the authority to recommend waiving or modifying college policy within the limits of sound educational practices.

## **Changing a Schedule/ Dropping and Adding Courses**

Courses may be added until the last day of late registration as shown in the academic calendar. Students cannot add courses after the sixth (6<sup>th</sup>) day of the semester. Courses that are dropped on or before the eleventh (11<sup>th</sup>) class day are not recorded on the student's permanent record. After the eleventh (11<sup>th</sup>) day, students who drop from class will receive a grade of "W" unless previously administratively withdrawn because of excessive absences. The last day to drop a class is during the week preceding final exams. The specific date for each term is published in the academic calendar.

To change their schedules before the start of classes, students simply enter Campus Connect and drop or add a course.

To add a course in person, on campus, the student must:

1. Complete an add/drop/withdrawal form
2. Obtain the faculty advisor's signature
3. Turn in the completed form to the Enrollment Services Office
4. Pay additional tuition or fees, if required

To drop a course in person, on campus, after the start of classes, student must:

1. Complete an add/drop/withdrawal form
2. Obtain the instructor's signature (after 11<sup>th</sup> class day)
3. Obtain the faculty advisor's signature
4. Obtain Financial Aid Officer's signature
5. Obtain Business Officer's signature and pay drop fee
6. Turn in the completed form to the Enrollment Services Office
7. Retain white copy for future reference.

## **Basic Studies Requirements**

All students must demonstrate basic skills in writing, reading, and mathematics by attaining minimum placement test scores or passing appropriate courses. Degree-seeking students may meet Basic Studies requirements by doing the following:

1. Scoring 19 or above on the ACT English section, 42 or above on the ASSET writing skills, 75 or above on the COMPASS writing skills, 470 or above on the SAT verbal section, or passing Writing II (0213) with a grade of "C" or better.
2. Scoring 19 or above on ACT reading section, 41 or above on the ASSET reading skills, 80 or above on the COMPASS reading skills, 470 or above on the SAT verbal section, or passing Reading Skills II (0113) with a grade of "C" or better.
3. Scoring 19 or above on the ACT mathematics section, 43 or above on the ASSET Intermediate Algebra, 71 or above on the COMPASS mathematics section, 460 or above on the SAT mathematics section, or passing Intermediate Algebra (0513) with a grade of "C" or better.

## **Basic Studies Courses**

Scores from the COMPASS, ASSET, ACT, and SAT are used to determine whether a student must take basic studies courses.

1. Students who enroll in basic studies courses must satisfactorily complete the work for the courses and meet exit criteria designated by the instructor and/or department.
2. The instructor may initiate early exit from these courses based upon test scores or other objective measures.
3. In compliance with Arkansas Statutes, South Arkansas Community College uses standardized tests for course placement. The COMPASS, ASSET,

ACT, and SAT measure academic preparedness in reading, writing, and mathematics.

4. Students are placed in Basic Studies courses if scores on the COMPASS, ASSET, ACT, and/or SAT indicate a need for college preparatory work. The following courses are Basic Studies courses: Reading I and II, Fundamentals of Writing I and II, Fundamentals of Arithmetic, Elementary Algebra, and Intermediate Algebra.
5. Students whose placement scores show deficiencies may retake the COMPASS after waiting sixty (60) days if they have not enrolled in Basic Studies courses, by completing ten (10) hours of tutoring on the PLATO software in The Learning Center or completing ten (10) hours of tutoring through Adult Basic Education programs. Students who have enrolled in a Basic Studies course may not retake the COMPASS.
6. The College will accept ASSET or COMPASS scores if a student has been tested at another college. The student is responsible for having official test scores sent to the College.

### COURSE PLACEMENT TEST SCORES

#### Writing Skills

ACT Scores	ASSET Scores	COMPASS Scores	Courses Required
15 or below	23-35	01-41	Writing I
16-18	36-41	42-74	Writing II
19	42+	75-100	Composition I

#### Reading Skills

ACT Scores	ASSET Scores	COMPASS Scores	Courses Required
15 or below	23-32	01-50	Reading I
16-18	33-41	51-81	Reading II
19	42+	82-100	Reading not required

#### Math Skills

<i>ACT Scores</i>	ASSET Scores	COMPASS Scores	Courses Required
<b>Mathematics</b>	<b>Numerical Skills</b>	<b>Pre-algebra</b>	
14 or below	23-38	01-35	Fundamentals of Arithmetic
15-16	39+	36-100	Elementary Algebra
17-18			Intermediate Algebra
	<b>Intermediate Algebra</b>	<b>Algebra</b>	
15-16	23-33		Elementary Algebra
17-18	34-42	50-70	Intermediate Algebra
19+	43+	71-100	College Algebra

#### SAT Scores

<b>English &amp; Reading</b>	470 or above – Composition I Reading not required
<b>Mathematics</b>	460 or above – College Algebra

Certificate-seeking students must demonstrate competency in communications and mathematics as listed with the certificate requirements in this catalog.

Students must be enrolled in appropriate courses during each semester until the above requirements are met. The student may drop one or more basic studies courses but must re-register for the dropped course(s) during the next semester of enrollment at South Arkansas Community College.

Non-degree-seeking students may complete ten (10) credits without meeting basic studies requirements; however, all departmental requirements, including basic studies and course prerequisites, must still be met. Non-degree-seeking students over sixty (60) years of age are exempt from basic studies requirements.

High school students taking college-level courses must submit appropriate test scores before enrolling in those courses.

Students transferring from another college with more than fifteen (15) semester credits will not be required to take placement tests; however, transfer students must demonstrate basic skills in English and mathematics with either test scores or satisfactory completion of courses.

Students are encouraged to complete communications and mathematics courses as required by their degree or certificate plan as early as possible.

Enrollment in basic studies courses is a condition of admission in accordance with state regulations and policies of the South Arkansas Community College faculty. Students making a "D," "NC," "F," or a "WE" in a zero-prefix basic studies course will be placed on probation. Students making another grade of "F" or a "WE" in the same course the following semester of enrollment will either be suspended for one semester or allowed to enroll only in basic studies courses until they make a "C" or better in the course(s) in question. A zero-prefix basic studies course, however, must be repeated until a "C" or better is earned. At the end of the suspension period the student may be readmitted after a conference with the Vice President of Academic Affairs and Student Services.

Students who are required to have two or more basic studies courses are required to take a three (3) credit-hour course entitled SAS 1003 SouthArk Success. This course is designed to provide incoming students with the skills and knowledge necessary to be successful in future courses.

Students who are required to take basic studies courses as a pre-requisite will be limited in the number of other courses available. They should see the course description section for further information about pre-requisites.

### **Academic Standards: Probation and Suspension**

All students, regardless of admission category, are subject to the academic probation and suspension policies of the college. Students who have attempted twelve (12) semester hours and who have a cumulative grade point average (GPA) less than 2.00 will be placed on academic probation.

Students placed on academic probation must consult a counselor and develop an academic plan before enrolling for the next term. At this time, the students' aptitudes and interests will be evaluated with respect to future educational goals.

Students on academic probation may remain on probation as long as they improve their cumulative GPA during the next semester. Probationary status will be removed when the cumulative GPA is 2.00 or above.

Students on academic probation who do not improve their cumulative GPA in the next semester will be academically suspended and must remain out of school for one semester; however, they may take basic studies courses during the suspension period. Upon returning after a period of suspension, students must consult a counselor and develop an academic plan before enrolling for the next term.

### **Course Length**

Fall and Spring semesters include 15 weeks of classes and approximately one week of examinations. The full summer session is approximately ten (10) weeks in length. First and second summer sessions are five weeks in length. For each semester hour of credit, classes are required to meet a minimum of 750 minutes per lecture course, or approximately 1500 minutes per laboratory course, plus final testing. Clinical and internship courses vary in length depending upon the program.

### **Prerequisites**

A prerequisite is a requirement that must be fulfilled prior to enrolling in a specific course. Students should check the course descriptions section of the catalog to be sure they have met course prerequisites prior to attempting to register for classes. Students are required to have an appropriate test score in a placement test or complete a basic studies course in English, reading, and mathematics. Other prerequisites are listed in the course descriptions.

### **Course Load**

A normal course load for a full-time student during a regular semester is fifteen (15) semester credits; however, a student enrolling in twelve (12) or more credits is considered to be a full-time student for financial aid purposes. Six (6) credits is considered a normal load for each term of the summer session. Eighteen (18) credits is the maximum load during a regular session without the permission of the Vice President of Academic Affairs and Student Services, VPAASS. The VPAASS may approve a load of up to twenty-one (21) semester credits. Eight (8) credits is the maximum for a single summer session with a maximum of fourteen (14) earned credit hours for the summer sessions. The VPAASS must approve any exceptions in course load.

### **Photo Identification Cards (Proof of Enrollment)**

Students are required to have a valid sticker on their photo identification cards as proof of current enrollment at South Arkansas Community College. Photo identification cards and stickers are issued in The Learning Center (CT220W). ID cards are needed on campus to use The Learning Center, computer labs, the SouthArk library, and to access the online library.

### **Repeating a Course**

Students may repeat a course in an attempt to improve their grade. The grade earned the last time the course is taken will be the final grade. Only that grade will be considered in computing the cumulative grade-point average, but other courses and grades will remain on the transcript.

## **Auditing a Course**

Students are permitted to audit courses at South Arkansas Community College. Audit students will pay the regular fee as indicated in the section entitled Tuition and Fees. No credit will be awarded for courses audited. The letters "AU" will be recorded in the grade column on the student's permanent record. Audited courses will be counted as part of the stated maximum load for a semester or term. The Enrollment Services Office must be notified of this option by the first week of the semester.

## **Student Records Policy**

The information contained in student records is generally regarded as private and confidential. Public information is an exception and is given to any inquirer unless the student requests nondisclosure for the enrollment period. Public information includes the following data: full or part-time status, classification (freshman, sophomore, etc.), degrees, dates degrees were conferred, terms enrolled, name, picture, and address. At the time students register for courses, they may notify the Director of Admissions/Registrar in writing that public information relating to them may not be released. Restricting the release of public information directly affects publications, programs, and news releases concerning student activities, honors, and awards. The appropriate form is available in the Enrollment Services Office. Additional information on education records is released only upon written student request except to the following persons:

1. South Arkansas Community College staff with legitimate need for access to information.
2. Federal, state, and local officials as specified by law.
3. Research and accreditation representatives.

South Arkansas Community College intends to comply fully with the Family Educational Rights and Privacy Act (FERPA) of 1974 which was designed to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students have the right to file complaints with the FERPA office (Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-5901) concerning alleged failures by the institution to comply with the Act.

A copy of the full text of the Family Educational Rights and Privacy Act of 1974 is available in the Enrollment Services Office along with information about types of student records maintained at SouthArk, the procedure for gaining access to records, and the procedure for challenging the contents of those records.

## **Changing Personal Data**

Students must keep the Enrollment Services Office informed of any changes in name, address, telephone number, emergency contact, or choice of academic program. *Change of Information* forms are available in the Enrollment Services Office. Having current information on file ensures that notices are mailed to the correct address, and that students can be contacted by instructors or other College personnel when necessary. Accurate personal data are especially important for students taking online courses. Online students can e-mail the Enrollment Services Office at [mfallin@southark.edu](mailto:mfallin@southark.edu) to change personal data.

## **Standards of Student Conduct**

The College expects students to conduct themselves as responsible members of the College community and to adhere to an appropriate code of dress and conduct. Student conduct that

interferes with the education of other students, excessive absenteeism, inability to pass required courses, unsatisfactory progress in clinical performance, moral and ethical misbehaviors, poor interpersonal skills, or insubordination may be subject to disciplinary action. All students are obligated to assume responsibility for their actions, to respect the rights of others, to conform to the reasonable rules of conduct, to protect private and public property, and to make effective use of his/her time in securing the benefits of a college education.

### **Academic Honesty Policy**

Students enrolled at South Arkansas Community College are expected at all times to uphold standards of integrity. Students are expected to perform honestly and to work in every way possible to eliminate academic dishonesty. Academic dishonesty includes cheating and plagiarism, which are defined as follows:

- Cheating is an attempt to deceive the instructor in his/her effort to evaluate fairly an academic exercise. Cheating includes copying another student's homework, class work, or required project (in whole or in part) and/or presenting another's work as the student's own. Cheating also includes giving, receiving, offering, and/or soliciting information on a quiz, test, or examination.
- Plagiarism is the copying of any published work such as books, magazines, audiovisual programs, electronic media, and films or copying the theme or manuscript of another student. It is plagiarism when one uses direct quotations without proper credit or when one uses the ideas of another without giving proper credit. When three or more consecutive words are borrowed, the borrowing should be recognized by the use of quotation marks and proper parenthetical and bibliographic notations.

If, upon investigation, the instructor determines that the student is guilty of cheating or plagiarism, the following penalties will apply:

- The student will receive a penalty of no less than a zero on the work in question.
- The instructor will submit a written report of the incident to the Vice President of Academic Affairs and Student Services.
- The Vice President of Academic Affairs and Student Services will determine whether further disciplinary action will be taken.
- All decisions may be appealed for review through the College's Student Due Process procedure.

### **Class Attendance Policy**

Students are expected to attend all classes in which they are enrolled. If a student is absent from a class session, it is the student's responsibility to make arrangements to complete or make up any work missed. No makeup work for missed classes will be allowed without the approval of the instructor. Students who enroll late must assume all responsibility for work missed. Classes not attended as a result of late enrollment may be counted toward excessive absences. Students not attending the entire class period may be counted absent for that period.

An instructor may drop students with a grade of "F" or "WE" if students have been absent for an excessive number of days. Warning letters will be sent to the students advising them of the consequences of non-attendance and urging them to contact their instructors immediately. Excessive absences are defined as follows:



### **Regular Semester**

Courses which meet once a week.....	2 absences
Courses that meet twice per week.....	3 absences
Courses that meet three times per week.....	4 absences
Courses that meet four times per week.....	5 absences
Courses that meet five times per week.....	6 absences

### **Summer Session:**

Courses that meet four times per week in a five-week session .....	3 absences
Courses which meet two evenings per week in a ten-week session .....	3 absences

Students enrolled in special programs or individualized instruction should contact their program director/instructor regarding specific attendance requirements for the program/course.

### **Scheduled Absences**

Scheduled absences are those that occur because of college-related activities or as a result of summons to jury duty or military duty. Classes missed as the result of scheduled absences will not be counted as excessive absences. Make up work for scheduled absences will be at the discretion of the instructor.

### **Withdrawal for Excessive Absences**

Instructors initiate a withdrawal for excessive absences by notifying the Vice President of Academic Affairs and Student Services that a student has excessive absences in a class. The VPAASS notifies that student of the consequences of not attending class and urges him/her to contact his/her instructor immediately. If the student does not contact his/her instructor within one week, the instructor may notify the VPAASS that the student is to be withdrawn from the class because of excessive absences and is to be assigned a grade of "F" or "WE" in accordance with South Arkansas Community College's attendance policy. The instructor may not readmit students who have been dropped from class because of excessive absences to class.

### **Student Assessment**

South Arkansas Community College is dedicated to serving its students by challenging them and preparing them for the future. SouthArk has developed an institutional assessment plan that formally and systematically measures students' learning. Assessment can be defined as "the systematic process of gathering, interpreting, and using information about student learning" to make improvements on an ongoing basis in academic programs and support services. Students at SouthArk will be asked to participate in classroom discussion. Other measurements for assessment may include capstone courses, placement tests, the MAPP test, and surveys. All these activities are designed to provide useful information about what works well at the College and what needs improvement.

The more SouthArk learns about student learning, the more it can help students learn and succeed.

# Student Services

**Library Media Center (LMC)**  
**Distance Education Library Services**  
**Bookstore**  
**The Learning Center**  
**Transfer Assistance**  
**Student Centers**  
**Food Service**  
**Organizations**

**Student Activities**  
**New Student Orientation**  
**Online Student Services**  
**Student Support Services**  
**College Transition**  
**Early College Start**  
**College Connection**

## **Library Media Center (LMC)**

The Library Media Center provides a broad range of services to support student learning for all programs and is available to both students and the general public. The LMC offers all the traditional library services and has nearly 24,000 volumes in its general collection and nearly 1,000 multimedia items. The LMC has access to periodicals in electronic, microfiche, and hard copy formats. Students have access to viewing/listening rooms in order to take advantage of the audiovisual collection. The LMC offers an online public access catalog, online searching, several databases, interlibrary loans, study areas, and a career exploration placement program. Library cards are issued to students and community patrons.

## **Distance Education Library Services**

The LMC is in the process of increasing distance education service; for example, some of the library's online databases can be accessed through a password, and the online catalog is Internet accessible. The LMC staff will answer reference questions submitted by telephone or email. Distance education students are encouraged to telephone or email the library staff concerning their research needs. If possible, distance education students should visit the LMC in person to take full advantage of its materials and services.

## **Bookstore**

In addition to textbooks and general school supplies, t-shirts, shorts, hats, book bags, and other supplies are available in the Bookstore. Cash, check, Visa, MasterCard, and American Express are accepted. Used book buy-backs are held at the end of the Fall, Spring, and Second Summer terms. Online students should email [wsandifer@southark.edu](mailto:wsandifer@southark.edu) to order textbooks. A shipping and handling fee will be charged.

## **The Learning Center**

The Learning Center (TLC) provides free tutoring services to any SouthArk student. Full and part-time tutors and computer programs are available to students in order to assist them with collegiate assignments. Students may use TLC's many computer-related programs, such as Microsoft Word, Speed Reader, and PLATO, to complete assignments. Appointments are not necessary, but tutors and computers are available on a first-come, first-serve basis. The professional tutors in TLC provide assistance in several academic areas including accounting, business, composition, mathematics, reading, science, and health. TLC is also a courtesy testing center for campus instructors, online courses, and distance learning courses. Currently, the HOBET for Allied Health and the COMPASS for

placement tests are given in TLC. In addition, other entrance, statewide, and national exams are proctored and administered here. Another service TLC provides to SouthArk students is the issuing and validating of student identification cards. For more information, contact TLC at 870.864.7196 (CT220W).

### **Transfer Assistance**

The Division Deans provide assistance to students who plan to transfer to a four-year institution upon completion of their programs at South Arkansas Community College. Students may be given information on career decision-making, requirements for transfer admission to four-year colleges, transfer scholarships, and other types of financial aid.

### **Student Centers**

A student center is located on each campus and provides an area for students to visit with friends, watch television, or relax. Soft drinks, coffee, sandwiches, and snacks are available in the student centers.

### **Food Service**

Food service is not provided at the College except for vending machines. Food is not allowed in computer labs or the Library Media Center.

### **Organizations**

The College sponsors several organizations. For more information please see the Student Handbook.

### **Student Activities**

The college sponsors numbers of student activities. For more information please see the Student Handbook.

### **New Student Orientation**

Orientation for new and transfer students are held at the beginning of each semester to help students become acquainted with one another and meet College personnel. Students are given information about South Arkansas Community College to help them understand the College's policies and procedures.

### **Online Student Services**

Services for online students can be found at [www.southark.edu](http://www.southark.edu).

### **Student Support Services (TRIO)**

Student Support Services is a TRIO program funded by the United States Department of Education. The program offers tutoring as well as academic, personal, and career counseling for students in need of assistance to succeed in college. To qualify, the student must meet one or more of the following criteria: (1) low income, (2) first generation student, (3) a documented physical or learning disability.

### **Student Support Services provides services in:**

#### **Counseling:**

Students who qualify may receive personal, academic, career, and transfer counseling in Student Support Services. Group work may be offered in reducing test anxiety, stress management, money management, study skills, relationships, self-

esteem, crisis intervention, and others as requested. Seminars and support groups are offered in anger management and divorce recovery.

**Tutoring:**

Tutors are available in academic areas including business, reading, composition, mathematics, science, and social studies.

**Career Guidance:**

The Student Support Services office provides two packages to assist students in making career choices. *Choices CT* is a career exploration package that provides information on various careers, career exploration, decision-making, and assistance in developing a career plan. *The Kuder Career Planning System* is a comprehensive research-based approach to career exploration planning and development. The system provides interest, skills, and work value assessments, an electronic career portfolio to keep key information that will automatically transfer to a professional resume, and online access at any time from an Internet connection. Students may contact Student Support Services (SSS) for assistance with *Choices CT*.

Students may contact the Secondary Technical Center for Kuder career planning assistance.

**Transfer Assistance:**

Assistance is available to TRIO students who plan to transfer to a four-year institution upon completion of their programs at South Arkansas Community College. Students are given information on career decision making, requirements for transfer admission to four-year colleges, transfer scholarships, and other types of financial aid.

**Support of Students with Disabilities:**

Students must self-identify with the Vice President of Academic Affairs and Student Services to complete a *Reasonable Accommodations Form*. A disability file is initiated by the VPAASS, and the student is referred to the Learning Disability Specialist in Student Support Services. Students must provide documentation from a qualified professional on their disabilities. Students will meet with the Learning Disability Specialist to determine what accommodations are needed for the disability. Instructors are sent a notification letter of the accommodations for students. Students must request the accommodations each semester.

## College Transition

**Early College Start**

The Early College Start program offers high school students a chance to earn low-cost college credit from SouthArk while still in high school. Eligible high school students may take up to two classes per semester, with the option to transfer core curriculum classes (“the basics”) to any Arkansas public college or university. ECS encompasses:

- Concurrent credit
- Co-enrollment

- **Concurrent credit** is earned when high school students complete with acceptable grades college credit courses on their high school campuses. These courses earn students college credit and also satisfy high school graduation requirements.
- **Co-enrollment** refers to classes offered to students at SouthArk outside of the regular school day, for which students will receive college credit only. Students may take any SouthArk course in which they meet the skills and college course prerequisites.

Students must meet general SouthArk requirements to enroll in either program:

1. Complete a SouthArk application for admission and an ECS form.
2. Submit a copy of their high school transcripts, a copy of their immunization records, and a copy of their ACT scores\* to SouthArk.
3. Pay the class registration fee.

\*If ACT scores are not available, or if students do not have sufficient ACT scores required for class admittance, the COMPASS test may be taken at SouthArk. ECS students will receive the first COMPASS test free; however, they will pay the full testing fee if a retest is needed.

Students may apply for the Early College Start program after they have completed the 9<sup>th</sup> grade in a public, private, charter, or home school. Those interested should contact Christy Wilson at 870-864-8416 or [cwilson@southark.edu](mailto:cwilson@southark.edu).

## College Connection

High school seniors will now receive two sources of recognition when they graduate: a diploma and an acceptance letter to college. This is due to a new, nationally recognized program called College Connection. Through the College Connection program, South Arkansas Community College will provide hands-on, one-on-one support to assist every student with each step of the college admissions process.

College Connection will help increase the number of graduating seniors who enter college by creating an awareness of the benefits of going to college. Bringing this unique partnership to the community is an important step toward student success. By working together with local school districts, SouthArk can help improve the quality of life in southern Arkansas...one student at a time.

### Why College Connection?

- Many high school students find the college enrollment process intimidating.
- SouthArk is reaching out to area high school seniors so they are able to approach their higher education decisions grounded in knowledge, awareness of options and interests, and the confidence to succeed.
- CC will provide collegiate academic and support services to area high school students.
- CC will provide on-site, hands-on activities and events in order to boost student awareness of the benefits of going to college, which will increase the number of graduating seniors who enter an Arkansas college or university.

### Benefits of College Connection

College Connection students receive the following on-campus services:

- ✓ Access to college and help getting started
- ✓ Assistance with financial aid (FAFSA) forms
- ✓ Student life information
- ✓ Career planning
- ✓ COMPASS assessment, if needed
- ✓ Assistance with the college admission application
- ✓ Orientation and advising

Persons interested in College Connection should contact Christy Wilson at 870-864-8416 or [cwilson@southark.edu](mailto:cwilson@southark.edu).

# Financial Aid

**General Information**  
**Satisfactory Academic Progress**  
**Application Procedure for**  
**Financial Aid**

**Types of Financial Aid**  
**Scholarships**  
**Other Sources of Aid**

## **General Information**

All qualified students will be awarded financial aid, if financial aid funds are available, regardless of race, color, national origin, sex, religion, age, or disability. The Financial Aid Office provides information and assistance in completing applications.

To receive federally funded financial aid and some other financial aid, students must complete the *Free Application for Federal Student Aid* (FAFSA), enroll as regular students in an approved degree or certificate program, meet citizenship requirements, demonstrate financial need, and maintain satisfactory academic progress. In addition, students must not be in default on any student loan program or Stafford Loan or owe a refund on a Pell Grant, SEOG, or Arkansas Student Assistance Grant.

The majority of financial aid programs offered at South Arkansas Community College are need-based; however, a number of institutional scholarships are based on academic achievement and merit. Students must reapply for financial aid every year. For all financial aid, enrollment is calculated as of the eleventh (11<sup>th</sup>) class day of the semester for fall and spring semesters and the fifth (5<sup>th</sup>) class day for summer semester.

## **Satisfactory Academic Progress**

### **Policy for Satisfactory Academic Progress**

Students who receive federal financial aid are required to make satisfactory academic progress (SAP) in order to receive financial aid. Federal guidelines stipulate that the Satisfactory Academic Progress Policy apply to all enrollment periods at South Arkansas Community College regardless of whether or not aid was received. SAP is defined as passing the required percentage of hours and maintaining a minimum grade point average (GPA) of 2.0 on a 4 point scale.

Students must be enrolled as an associate degree or technical certificate seeking student in an eligible program of study in order to receive financial aid. Students may receive financial aid while enrolled for a full or part-time course of study. Full-time students must enroll in at least twelve (12) semester hours each semester. Students on financial aid are advised to consult with the financial aid staff before making any adjustments to their program of study or course load.

Students may receive financial aid for no longer than 150% of the published length of the educational program. For example, students must complete the requirements for a 60 hour degree or certificate by the time they have attempted 90 credit hours. Upon completing a program, students may pursue another degree or certificate under the same guidelines. Students must maintain a cumulative GPA of 2.0.

Students must complete the following minimum percentage of courses to maintain SAP:

Hours Attempted	Completion Percentage Required of Hours Attempted
Up to 15 hours	55%
16 - 30 hours	60%
31 or more hours	67%

A student's official enrollment status will be determined on the eleventh (11<sup>th</sup>) day of classes and aid will be awarded accordingly. Students must attend at least one day of class in order for that class to count towards their enrollment status for financial aid purposes. A student who withdraws from the college on or before the eleventh (11<sup>th</sup>) day of classes is considered as not having enrolled for the semester by the Financial Aid Office and is not eligible for any financial aid. A student who withdraws after the eleventh (11<sup>th</sup>) day of classes will be held responsible for the minimum percentage of hours for his/her official enrollment status. Refer to the Return to Title IV Funds Policy for further details. SAP will be reviewed once annually for degree-seeking students and no less than twice annually for certificate-seeking students. SAP will be checked the first time aid is packaged for each academic year. At such time a student does not meet this policy, they will be notified in writing. This notification will be sent to the current address on file in the Financial Aid Office. Students who fail to make SAP will be placed on financial aid suspension and will be ineligible to receive Title IV aid until the requisite GPA and/or completion percentage are met. Students on financial aid suspension must notify the Financial Aid Office in writing when the GPA and completion percentages are met if they want to be re-considered for financial aid.

### Special Conditions

- 1. Developmental/Basic Studies Courses** - Enrollment in these courses will be included in the total hour requirement for calculating financial aid awards, the calculating of cumulative semester hours of credit required, and in the calculation of cumulative semester hours attempted. Developmental/Basic Studies courses do not earn a GPA and will not count toward the students overall GPA for academic progress purposes. Developmental/Basic Studies courses will be considered "completed" if the student earns a grade of "C" or better.
- 2. Repeating Courses** - The last grade recorded in repeated courses is the grade of record at South Arkansas Community College and will be used in computing the student's grade point average. Both courses will count towards the number of hours attempted, but only the hours associated with the last grade will be counted in the number of hours completed.
- 3. "I," "W," and "WE"** - Courses where a grade of "I," "W," or "WE" are assigned will count toward the student's hours attempted but will not count toward the hours completed.
- 4. Transfer Students** - Students must report to the Financial Aid Office and Admission's Office, ALL colleges, universities, and other schools in which they have enrolled prior to South Arkansas Community College. No financial aid awards will be made until all transcripts have been received and evaluated by the Financial Aid Office. Transfer students are subject to the same policy regarding length of time and grade point average as native SouthArk students for those hours accepted at SouthArk.



5. **Audits** - Audited courses do not count toward hours attempted or hours earned. Students may not receive aid for auditing a course.
6. **Academic Competitiveness Grant (ACG) Recipients** – ACG recipients must meet the requirements in this policy. Also, they may be enrolled full-time in an eligible program leading to an Associate’s Degree and by the end of the first academic year they must have completed 24 credit hours. After completion of 24 credit hours, student must have a minimum cumulative GPA of 3.0. ACG is restricted to one grant for each of the student’s first and second years in an eligible program. Student will be notified in writing if they do not meet the ACG satisfactory academic progress requirements.
7. **Basic Studies Probation** – Students who are placed on Basic Studies Probation are not necessarily placed on Financial Aid Suspension. Students will be notified in writing if they do not meet the SAP Policy.

### **Route of Appeal**

Students have the right to appeal their financial aid status if they do not meet the requirements of this policy. All appeals must be submitted in writing to the Director of Financial Aid with supporting documents/reasons for not meeting SAP as required. Students who appeal are encouraged to present at least one letter of support from their academic advisor or another faculty/staff member familiar with their situation.

Appeals will be considered by the Director of Financial Aid. The Director will then determine if the student is eligible to continue receiving federal financial aid, based on the documentation provided, and under what conditions the student may receive aid (i.e., the Director may require a higher level of academic achievement for a term than designated by SAP policy) so long as the conditions are communicated to the student. If an appeal is denied, the student must enroll without federal aid until such time as the requisite GPA and completion percentage is met. Appeals that are approved are not retroactive to previous semesters. If the student wishes to appeal the Director’s decision, he/she can make a further appeal to the Financial Aid Appeals Committee.

The Director of Financial Aid has the authority to exercise professional judgment in all cases as necessary.

Failure to comply with this policy may result in cancellation of federal aid &/or full or partial repayment of the federal aid.

### **Return of Title IV Funds**

If a student receiving Title IV funds withdraws or stops attending on or after the first day of class during the period of enrollment for which they were charged, the College must determine the amount of the Title IV funds students have earned. This calculation is done in accordance with Federal Title IV guidelines. If students have not been in attendance long enough to earn all of the awarded aid, they may have to repay some of the unearned aid. Copies of SouthArk’s Return of Title IV Funds policy are available in the Financial Aid Office.

### **Application Procedure for Financial Aid**

To apply for a Pell Grant, SEOG, Arkansas Student Assistance Grant, Federal Work-Study, and/or a student loan, students must complete and submit the FAFSA and other SouthArk financial aid forms as required by the Financial Aid Office.

Financial aid applicants may be required to provide documentation to verify the information given on their application. Awards will not be finalized until all required documentation and all academic transcripts are on file. Students will be notified of the action taken on their completed application.

Students who plan to enroll for the fall semester should apply for financial aid in the early spring. Continuing students must reapply each year since financial aid is not automatically renewed. Students wishing to receive financial aid for the summer should fill out the summer application form available in the Financial Aid Office.

## **Types of Financial Aid**

**Federal Pell Grant.** This federally funded program is designed to provide financial assistance to individuals to attend institutions of higher education. Eligibility is determined according to a congressionally mandated formula that computes the expected family contribution. The aid administrator at the school the student attends must calculate the actual amount of the student's award based upon the expected family contribution, the cost of attendance, and the student's enrollment status.

**Federal Supplemental Educational Opportunity Grant (SEOG).** This program provides grants to students with exceptional financial need. Funds are provided by the federal government and administered by the College.

**Federal Work-Study Program.** This program provides part-time employment opportunities for students who have financial need. Most work-study jobs are on campus, but in some instances students are referred to off-campus nonprofit agencies. At South Arkansas Community College, students work an average of six to twenty hours per week. Students are paid once per month.

Students eligible for work-study should access SouthArk's website, [www.southark.edu](http://www.southark.edu), for information on how to apply and for current job listings. Work-study eligibility does not guarantee students a job. The work allowance awarded represents the maximum amount students can earn under the program during the school year.

**Institutional Employment.** A small number of students are employed each year in short-term, part-time jobs. Students receive minimum wage. Interested students should apply in the Financial Aid Office.

**Federal Stafford Loan.** This program enables students to receive low-interest subsidized or unsubsidized loans to finance educational expenses. If a student receives a subsidized loan, the federal government pays the interest while the student is in school, during the grace period, and during periods of deferment. If a student receives an unsubsidized loan, he/she is responsible for the interest on the loan from the time of issue. Payments normally begin six months after the student graduates, drops below half-time, or withdraws from college. Students may be allowed up to 10 years to repay the loan. The amount of each monthly payment depends upon the size of the debt. Repayment schedules are provided by the lender.

Aid administrators may refuse to certify a loan application or may reduce the amount of the loan if they document the reason and provide an explanation to the student in writing.

**Arkansas Department of Higher Education.** The ADHE administers financial aid programs for Arkansas undergraduate students that include Arkansas Academic Challenge

Scholarships, Arkansas Student Assistance Grant, Governor’s Scholars, Law Enforcement Officers Dependents’ Scholarships, MIA/KIA Dependents’ Scholarship, and the State Teacher Assistance Resource (STAR) Scholarship. More information about these and other forms of financial aid available from the ADHE is available at [www.arscholarships.com](http://www.arscholarships.com).

**Arkansas Technical Careers Student Loan Forgiveness Program.** The Arkansas Technical Careers Student Loan Forgiveness Program is designed to provide financial assistance to individuals who complete technical education programs that lead to employment in high-demand technical fields in Arkansas. Persons who qualify for the program may be eligible for student loan forgiveness of up to \$2,500 per year for up to four years. Students must file the *Intent to Apply* form as soon as they enroll in school. The list of designated technical programs and steps for applying are posted on the Department Of Workforce Education web site at <http://dwe.arkansas.gov>.

## SCHOLARSHIPS

### **Institutional Scholarships**

South Arkansas Community College funds a number of scholarships for full- or part-time degree- or certificate-seeking students. Most scholarships are awarded in the spring semester for the following academic year. The priority deadline for most scholarships is April 1; however, scholarships will continue to be awarded to eligible students only as long as funding is available. The value of a full-tuition or a half-tuition scholarship is determined by the recipient's residency status (in-district or out-of-district). The maximum value of any institutional scholarship will be the value of tuition at the out-of-district rate. Eligible scholarship recipients from outside Arkansas must pay the difference between the out-of-district and out-of-state tuition rates. Pending satisfactory completion of course work in the first year, institutional scholarships are renewable for the second academic year as long as the student re-applies for the scholarship and meets all renewal requirements. The Scholarship Committee must approve all exceptions to scholarship requirements.

Students who wish to take advantage of their institutional scholarships during the summer terms (after their first term of enrollment) may do so as long as all course work taken is applicable toward their program/career goal, funding is available, and they notify the Financial Aid Office of their intent to enroll in the summer by filling out the *Summer Anticipated Enrollment* form in the Financial Aid Office. While full-time enrollment is not required during the summer semester, students must be enrolled at least half-time.

**President's Scholarship.** This full-tuition scholarship may be awarded to first-time entering students who scored a twenty-four (24) or above on the American College Test (ACT) or ranked in the top ten (10) percent of their graduating class. Recipients must enroll in at least fifteen (15) semester hours each semester. A copy of high school transcript and/or ACT Scores must be submitted with the scholarship application.

**Valedictorian/Salutatorian Scholarship.** This full-tuition scholarship may be awarded to the first-time entering Valedictorian and Salutatorian of any high school in Arkansas. Recipients must enroll in at least fifteen (15) semester hours each semester. A copy of high school transcript must be submitted with the scholarship application.

**Freshman Recognition Scholarship.** This scholarship may be awarded to first time entering freshman who ranked in the top twenty-five (25) percent of their graduating class and have an overall “B” average in high school. Applicants must be graduates of Arkansas

high schools. Students must also have the ability to perform college-level work by scoring 19 or higher in two of three basic studies areas (reading, English, and math) as demonstrated by scores from the COMPASS, the American College Test (ACT), SAT or the Assessment of Skills for Successful Entry and Transfer Test (ASSET). This scholarship provides one-half tuition. Recipients must enroll in at least fifteen (15) semester hours each semester. A copy of high school transcripts and test scores must be submitted with the scholarship application.

**Minimum Requirements for Renewal of the President's Scholarship, Valedictorian/Salutatorian Scholarship, and Freshman Recognition Scholarship:**

Must have completed at least:

End of 1st semester – nine (9) semester hours with a minimum GPA of 2.50.

End of 2nd semester – twenty-four (24) semester hours with a minimum GPA of 3.00

End of 3rd semester – thirty-six (36) semester hours with a minimum GPA of 3.00

**Part-time Academic Scholarship.** This scholarship is extended to first-time entering students who meet the requirements for the Valedictorian/Salutatorian, President's, or Freshman Recognition Scholarships but do not attend classes full-time. Recipients must enroll in at least six (6) semester hours in courses applicable to a degree. Renewal is based on completion of all hours enrolled in each semester and maintaining the requisite GPA. The Part-time Academic Scholarship is renewable if the student maintains a minimum 2.50 GPA through the completion of the first nine (9) semester hours of course work and a minimum cumulative 3.00 GPA thereafter. Recipients must continue to enroll in at least six (6) semester hours during the fall and spring semesters. A copy of high school transcripts must be submitted with completed scholarship application.

**Student Ambassador Scholarship.** This scholarship is valued at full tuition and is awarded annually to students who are interested in serving as student ambassadors at South Arkansas Community College. Applicants must be Arkansas residents, have a 2.75 grade point average, show evidence of leadership, and write a one-page essay, "The Importance of Student Leadership in College." Recipients must be enrolled in at least twelve (12) semester hours each semester. Student Ambassadors represent the college at official functions, help with recruiting, and receive a paid work-study assignment on campus. The student's essay along with the academic transcript must be submitted with completed scholarship application.

**Minimum requirements for Renewal of the Student Ambassador Scholarship:**

Must have completed at least:

End of 1st semester – nine (9) semester hours with a minimum GPA of 2.75.

End of 2nd semester – eighteen (18) semester hours with a minimum GPA of 2.75 and reapply for consideration.

End of 3rd semester – twenty-seven (27) semester hours with a minimum GPA of 2.75

**GED Scholarship.** This scholarship is awarded to any first-time entering college student who has achieved a standard score of 610 or higher on the GED examination, a score that places him or her in the top ten (10) percent nationwide. This scholarship is valued at full tuition and recipients must enroll in at least 15 semester hours of college course work during the fall and spring terms. A copy of GED scores must be submitted with the completed scholarship application.

### **Minimum requirements for Renewal of the GED Scholarship:**

Must have completed at least:

End of 1st semester – nine (9) semester hours with a minimum GPA of 2.50.

End of 2nd semester – twenty-four (24) semester hours with a minimum GPA of 3.00

End of 3rd semester – thirty-six (36) semester hours with a minimum GPA of 3.00

### **Tuition Waiver Scholarships**

SouthArk awards tuition waiver scholarships to students based on the following achievements:

**Skills USA.** This scholarship is awarded to any high school graduate who has placed first, second, or third in a secondary school statewide Skills USA competition. This scholarship covers tuition for the complete technical course selected by the winner. Winners must enroll within one year of high school graduation and may renew their scholarship for technical programs greater than one year in length provided they meet the College's financial aid policy for satisfactory academic progress.

**HOSA.** This scholarship is awarded to any high school graduate who has placed first, second, or third in a secondary school statewide HOSA competition. This scholarship covers tuition for the complete technical course selected by the winner. Winners must enroll within one year of high school graduation and may renew their scholarship for technical programs greater than one year in length provided they meet the college's financial aid policy for satisfactory academic progress.

**Miss Ouachita River Pageant.** This tuition scholarship is awarded each year to the winner of the Miss Ouachita River Pageant. The recipient must meet the College's financial aid policy for satisfactory academic progress in order to renew the scholarship for the next term.

**South Arkansas Community College Foundation Scholarships** - *Awards will be made pending availability of funds.*

- Technology, graphic arts or business and computer technologies
- Copy of high school transcript submitted with completed scholarship application
- Letter of recommendation from high school counselor or SouthArk instructor Award
- Valued at \$250 per semester with a maximum duration of two semesters
- Pays for tuition, fees and/or textbooks
- Renewal Criteria
- Based on completion of six (6) hours previous semester and a 2.5 GPA on all college course work

### **Other Sources of Aid**

**Sixty (60) and Over Waiver.** Any person sixty (60) years of age or older will be granted a tuition and mandatory fees waiver on a space-available basis for enrollment in credit courses. Waiver forms are available in the Bookstore.

**Arkansas Rehabilitation Services.** Arkansas residents who have disabilities that hinder them from employment may receive retraining assistance from the state to prepare them for return to gainful employment. For more information go to [www.arsinfo.org](http://www.arsinfo.org) or contact the El Dorado office at 708 W. Faulkner, (870)862-5451.

**Workforce Investment Act.** This program is designed to provide a variety of job-seeking and training services to youth, adults, and dislocated workers who qualify. Training services are provided through the voucher system. Information and eligibility requirements are available from the following agencies:

Southwest Arkansas Planning and Development District, Inc. -- Counties served: Calhoun, Columbia, Dallas, Hempstead, Howard, Lafayette, Little River, Miller, Nevada, Ouachita, Sevier, and Union. Call (870) 234-4030 or 234-9097 in Magnolia, (870) 863-0218 in El Dorado, (870) 798-3223 in Hampton, or (870) 863-5024 in Camden.

Southeast Arkansas Economic and Development District, Inc. -- Counties served: Arkansas, Ashley, Bradley, Chicot, Cleveland, Desha, Drew, Grant, Jefferson, and Lincoln. Call (870)226-3742 in Warren.

Union Community Action Association, Inc. -- Parishes served: Marshall, Union and West Carroll. Call (318) 368-9606 in Farmerville, (318) 283-0849 in Bastrop, and (318) 428-8640 in Oak Grove.

**Arkansas Single Parent Scholarship Fund (SPSF).** The Arkansas SPSF works with organizations and individuals at the county level to develop incentive scholarship funds for single parents who wish to complete a college education in preparation for well-paying employment. For more information, contact Veronda Tatum, Director of Financial Aid.

**Arkansas Human Development Corporation.** This program pays for fees, books, supplies, and an hourly allowance for qualified students. To be eligible, students or parents of dependent students must have derived at least fifty-one (51) percent of their gross income for the past year from farm-related employment. The AHDC representative will determine student eligibility. For further information contact AHDC at (870)382-2050.

### **Veteran's Benefits**

The College is approved to provide assistance to veterans and veterans' beneficiaries. The Financial Aid office will assist students in completing forms necessary to apply for educational assistance from the Veterans Administration.

The Financial Aid Office is responsible for veterans' services and the maintenance of records required for certification. Students receiving educational benefits from the Veterans Administration are subject to the rules, regulations, and policies set forth in this catalog that are applicable to all students. However, students qualifying for veterans' benefits are also required by the Veterans Administration and the State Approving Agency to meet certain other standards of approved certification. All veterans should familiarize themselves with the regulations outlined below.

**Minimum Standards of Progress for Veterans** - The following will apply to all veterans:

1. A freshman student who does not attain a 1.50 grade point average will be placed on academic probation.
2. A freshman student on probation whose grade point average for the probationary semester is less than 1.50 will be suspended from drawing Veterans Administration educational benefits.
3. A sophomore student whose grade point average is less than 2.00 will be placed on academic probation.
4. A sophomore student on probation whose grade point average for the probationary semester is less than 2.00 will be suspended from drawing Veterans Administration educational benefits.

5. Students who fail to qualify for V.A. benefits, as a result of being placed on suspension, may appeal their status to the Financial Aid Committee. All appeals must be in writing and must include the reason(s) the student failed to meet minimum academic standards.

**Approved Length of Course for Veterans** - Students drawing full-time benefits are expected to complete an associate degree in a maximum of five semesters and a baccalaureate degree in a maximum of ten semesters. The maximum hours of credit which may be awarded on the basis of previous experience as shown in the "Credit for Previous Training or Experience" section of this catalog shall be waived for veterans who can demonstrate that a larger number of credit hours should be awarded. If a veteran is awarded such credit or has previous college credit, the approved length of course at South Arkansas Community College will be decreased proportionately; and the veteran and the Veterans Administration shall be notified of the shortening of the course length.

**Class Attendance Policy for Veterans** - All persons receiving veterans' benefits are required by the Veterans Administration regulations to maintain satisfactory class attendance. The Veterans Administration will be notified of unsatisfactory attendance.

**Withdrawal Policy for Veterans** - If a student receiving VA benefits withdraws from a course with a non-punitive grade, mitigating circumstances must exist or benefits for that course may be terminated retroactively to the first date of enrollment.

**Enrollment Certification** – Veterans Affairs will pay for courses that apply toward the student's declared major. Students must submit a copy of their schedule to the VA Certifying Official before enrollment will be submitted to the VA.

# Tuition and Fees

## Tuition and Fees Payment of Tuition and Fees Tuition Payment Plan

## Residency Requirements Out-of-State Tuition Waivers

### Tuition and Fees

Students will be charged per semester hour according to the schedule below for all credit hours. South Arkansas Community College has three tuition rates: 1) in-district for students who are residents of Union County, 2) out-of-district for students who are Arkansas residents but not residents of Union County, and 3) out-of-state for residents of other states. (See Residency Requirements) The following schedule of tuition rates for the 2006-2007 academic year has been approved by the South Arkansas Community College Board of Trustees: *(Tuition and fees are under review and will change for the 2007-2008 academic year.)*

#### Tuition

##### Per Credit Hour

In-District .....	\$60
Out-of-District .....	\$68
Out-of-State .....	\$123

#### Fees required for all students

Assessment Fee .....	\$20
Computer Technology Fee.....	\$5
(per credit hour)	

#### **RN Tuition Rate**

##### Per Credit Hour

In-State .....	\$ 70
Out-of-State .....	\$125

#### **Course Related Fees and Other Charges**

Health Science Background Check Fee (if required).....	\$50
Health Science Insurance (Accident and Liability).....	\$15 per year
(All Health Science programs are subject to a per year Insurance Fee)	
Health Science Supply Fees	
EMT-Ambulance .....	\$15 one course
Nursing Assistant .....	\$25 for two courses
Radiologic Technology .....	\$30 for two courses
Health Science Student Travel and Professional Development	
Health Information Technology .....	\$50 one semester
Occupational Therapy Assistant .....	\$50 per semester
Physical Therapist Assistant .....	\$50 per semester
Practical Nursing-Days/Warren .....	\$20 per semester
Practical Nursing-Evenings .....	\$15 per semester
Surgical Technology	
Background Check.....	\$50 fall semester only
Lab fee .....	\$75 fall/spring semester
Lab fee .....	\$50 summer semester
Program Assessment Exam.....	\$35 summer semester
Travel and Professional Development .....	\$50 fall/spring semester
Challenge Test (per test).....	\$12 per credit hr. + \$7
Developmental Math Course Fee.....	\$110 per course



Drop/Add (per drop/add form).....	\$5
Education CPR Fee.....	\$45
Education PRAXIS Exam Fee.....	\$145
Golf.....	\$40
Identification Card Replacement Fee.....	\$8
MOS Test (Microsoft Office Specialist Test).....	\$69
Network Security Background Check.....	\$50
Network Security Certification Test Fee.....	\$125
Nursing Assessment Test	
Practical Nursing-Day/Warren.....	\$60 per semester
Practical Nursing-Evenings.....	\$60 per semester
Physical Therapist Assistant Assessment Test.....	\$200 one semester
Online course fee.....	\$20 per credit hour
Registered Nursing Fee	
COMPASS Test (Admissions Test).....	\$8
HOBET Test (Health Admission Test).....	\$25
Supply Fee.....	\$60 per semester
Testing Fee.....	\$60 per semester
Transcript.....	No charge
Truck Driving.....	\$375
Drug Screening.....	\$35

**Course Usage/Lab and Supply Fee** (the amount varies per course) \$5-\$45 per course  
Usage/Lab and Supply Fees may be charged for specific classes. See the current class schedule for a list of Usage/Lab and Supply Fees.

### **Payment of Tuition and Fees**

All fees must be paid or satisfactory arrangements for payment must be made before a student attends class. All financial obligations must be settled before graduating, re-enrolling, or requesting a transcript. Library privileges may also be suspended if financial obligations are not met (See the semester schedule for more information).

### **Tuition Payment Plan**

A monthly tuition payment plan is offered through SouthArk by FACTS Tuition Management. Enrolling for the FACTS monthly payment plan requires a \$25 nonrefundable enrollment fee and a down payment on the student's account at the time of enrollment. The enrollment fee and down payment will be drafted immediately from either a checking account or credit card. Payments are electronically processed on the 20th of each month throughout the student's payment agreement. Students can register for this option by logging onto [www.southark.edu](http://www.southark.edu) through Campus Connect and follow the easy online directions.

A student who knowingly gives erroneous information in an attempt to evade payment of out-of-district or out-of-state fees shall be subject to dismissal or other disciplinary action.

### **Residency Requirements**

The following policy shall be used in determining the residency classification of students. Students shall be classified as in-district, out-of-district, or out-of-state based upon their bona fide domicile. Domicile means the legal home and place of permanent living of

students for all purposes, and the intention to make the domicile the permanent home must have been manifested by good faith acts. Mere physical presence alone is not sufficient evidence of domicile. The domicile is the legal residence of an individual.

The domicile and legal residence of a minor student is the same as that of:

1. The parents or surviving parent; or
2. The parent to whom custody of the minor has been awarded; or
3. The parent with whom the minor in fact makes his/her home, if there has been a separation of parents without judicial award of custody; or
4. An adoptive parent, where there has been a legal adoption, even though either or both of the natural parents are living.

A minor emancipated by the law of his/her domicile or on reaching the legal age of majority has the power which any adult has to acquire a different domicile and a different place of residing; however, his/her prior domicile or origin continues until he/she clearly establishes a new one. Marriage constitutes emancipation of minors, both male and female. For either an adult or an emancipated minor to acquire a new domicile, he/she must have permanently left his/her parental home, must have established a legal home (domicile) of permanent character other than for attendance in school, must have resided for six continuous months as a domiciliary, and must have no present definite intent of removing there from as of a certain time.

The domicile of a person is the same as that of his/her spouse as long as they live together. An out-of-state person becomes eligible for in-state or in-district tuition status for college fee purposes following marriage at such time when the spouse is, or has been, domiciled in Arkansas for six continuous months.

### **Out-of-State Tuition Waiver**

Arkansas income taxpayers and their dependents who reside in a county or parish recognized by the Department of Higher Education for reimbursement may enroll at South Arkansas Community College and receive an out-of-state tuition waiver. To receive the out-of-district rate, students must provide the following:

1. Proof of residence in an eligible county or parish, and
2. Documentation (W-2 form or copy of Arkansas income tax form as filed) of receipt of wages from an Arkansas employer of a minimum of \$5,500 in the tax year preceding enrollment, or
3. Official verification from an Arkansas employer of current employment at a minimum current salary of \$5,500 or
4. Documentation that the student is a dependent of a nonresident Arkansas income taxpayer who provides documentation satisfying the conditions of paragraphs (1) and either (2) or (3) above.

The institution must keep the above documentation on file in the institution for enrollment audit purposes.

Residents of Union, Claiborne, or Webster Parish, Louisiana, who are not eligible for the Arkansas Wage Earner out-of-state tuition waiver according to the above guidelines, will be granted a waiver equal to the difference between out-of-state and out-of-district tuition rates.

# Credit Programs and Awards

## Listing of Programs Graduation Awards and Requirements

## Residency Requirements Credit for Work Experience Choice of Catalog

The college offers programs of instruction designed to meet a variety of educational and vocational needs of students. Students who wish to earn a baccalaureate degree may complete the freshman and sophomore years and then transfer to a senior institution. The college also offers programs that lead to immediate employment. It supplies background courses essential to the up-grading of occupational/technical skills and provides general education courses to broaden one's knowledge beyond the confines of a particular occupational specialty.

Courses are offered in the day and evening and online using the Internet during the academic year and in summer sessions. Students may enroll online on a part-time or full-time basis. Rotation of evening offerings enables students to earn degrees by attending evening sessions on only a part-time basis.

## Listing of Programs

### Certificates of Proficiency

Administrative Assistant Technology  
Automotive Diagnostics  
Automotive Maintenance  
Basic Cosmetology-Hair Care  
Basic Industrial Electricity  
Basic Gas Welding Technology  
Basic Welding Technology  
Certified Nursing Assistant  
Computer Installation & Repair Technology  
Early Childhood Education  
Emergency Medical Technician –  
Ambulance/Basic  
Intermediate Cosmetology-Nail & Skin Care  
Industrial Controls Technology  
Network Installation & Repair  
Nursing Assistant  
Solid State/Analog Technology  
Truck Driving

### Technical Certificates

Accounting  
Administrative Assistant Technology  
Automotive Service Technology  
Certificate in General Studies  
Computer Information Technology  
Computer/Network Installation & Repair  
Cosmetology  
Early Childhood Education  
Emergency Medical Technician – Paramedic  
General Business Administration  
General Studies

Industrial Equipment Maintenance Technology  
Medical Coding  
Medical Transcription  
Network Security Technology - Advanced  
Certificate  
Practical Nursing  
Process Instrumentation  
Surgical Technology  
Welding Technology

### Associate of Arts Degree Programs

Associate of Arts in General Education  
Associate of Arts in Teaching

### Associates of Arts – Specific Transfer

Accounting  
Business  
Computers, Computer Science, Management  
Information Systems, Computer Information  
Systems, Computer Programming  
Engineering  
Law or Legal Profession  
Medical – Chiropractic, Dentistry, Medicine,  
Mortuary Science, Pharmacy, Biochemistry  
Social Work Profession  
Sports Medicine

### AAS Degree Programs

Administrative Assistant Technology  
Computer Information Technology  
Cosmetology  
Criminal Justice Administration

Early Childhood Education  
Emergency Medical Technician – Paramedic  
General Business Administration  
General Business Administration –  
Mid – Management Option  
General Technology  
Network Security Technology  
Occupational Therapy Assistant

Physical Therapist Assistant  
Radiologic Technology  
Registered Nursing  
(LPN/LPTN to RN Transition)  
Surgical Technology

## **GRADUATION AWARDS AND REQUIREMENTS**

### **Associate of Arts Degree**

The Associate of Arts degree is designed to transfer to a four-year college towards a bachelor's degree. The courses required for this program are freshman and sophomore courses at a four-year college. Information regarding the requirements for these degrees may be found in the section entitled "Liberal Arts and Business."

South Arkansas Community College offers a number of programs that prepare the students for further course work toward a baccalaureate degree in professional areas, such as pre-medicine and pre-law. Students should meet with an advisor or counselor who will assist them in selecting the program best suited to their career goals. Students should be aware of the requirements selected by the institution to which they will transfer and should meet with an academic advisor well versed in these requirements.

In order to qualify for the Associate of Arts degree, the student must:

1. Meet basic studies requirements.
2. Complete 60 semester credits applicable to a baccalaureate degree with a 2.00 cumulative grade point average (GPA). Under certain circumstances, 14 hours of elective credit from occupational courses may apply toward the Associate of Arts degree.
3. Have a minimum of a 2.00 GPA on all courses completed at South Arkansas Community College and a minimum 2.00 GPA on those courses applicable to the Associate of Arts degree.

### **Associate of Arts in Teaching Degree**

The Associate of Arts in Teaching Degree is designed to transfer to upper-level institutions and constitutes about one-half of a baccalaureate degree. Information regarding the requirements for this degree may be found in the section entitled "Liberal Arts and Business." The degree plan consists of the General Education Core plus 6 credits of Education courses and up to 15 credits of additional credits as electives. Students should select the university they wish to attend to complete the baccalaureate degree and enroll in the courses that are specified by that particular university.

### **Associate of Applied Science Degree**

The AAS degree is the highest occupational degree offered by the college. It is an integrated sequence of classroom and laboratory courses, usually two years long. Instruction in technical/occupational courses emphasizes principles involved in analyzing and solving problems and design within the area of study. The normal range of credit for the degree is 60-72 semester credits. In order to qualify for the Associate of Applied Science Degree, the student must:

1. Meet basic studies requirements.
2. Complete the following general education requirements:

English/Writing	6 credits
Computer Science	3 credits
Social Science	3 credits
Mathematics	3 credits
TOTAL	15 semester credits

3. Complete respective degree requirements listed in the General Catalog with a 2.00 cumulative GPA. Students who wish to earn an AAS Degree must have a grade of “C” or better in ENGL 1113, Composition I.
4. Have a minimum cumulative of a 2.00 GPA on all courses completed at South Arkansas Community College and a minimum 2.00 GPA on those courses applicable to the Associate of Applied Science Degree.
5. Make application for graduation to the Enrollment Services Office.
6. Meet residency requirements.

The **Technical Certificate** is a planned program of classroom and laboratory work at the collegiate level. It recognizes the acquisition of a specified level of competency in an occupational field and in communications and mathematics. The normal range of credit is 24-42 semester credits. Students in this program must demonstrate basic studies requirements. In order to qualify for a technical certificate, the student must:

1. Meet basic studies requirements appropriate to the certificate.
2. Complete respective certificate requirements listed in the General Catalog.
3. Have a 2.00 GPA on all courses completed at South Arkansas Community College.
4. Make application for graduation to the Enrollment Services Office.
5. Meet residency requirements.

The **Certificate of Proficiency** is awarded to students who have demonstrated their mastery of skills or knowledge with specified performance standards. Typically, a registry or competency examination is required of the student. The length of this program is one semester or less. The normal range of credits is 7-15 semester credits. Basic studies requirements are those appropriate to the area of study and are listed with the course requirements. In order to qualify for a Certificate of Proficiency, the student must:

1. If applicable, have met all entrance requirements for the program.
2. Meet basic studies requirements to the program.
3. Complete respective course requirements listed in the general catalog.
4. Have a 2.00 GPA on the course or courses required for the certificate.
5. Make application for graduation to the Enrollment Services Office.
6. Meet residency requirements.

### **General Education**

General education is that common core of learning experiences of value to each person regardless of occupation or profession. Act 98 of the 1989 Arkansas General Assembly provided for the establishment of a 35-credit minimum core of courses that applies toward the general education curriculum requirements at state-supported institutions of higher education. With few exceptions, as they relate to specific majors, the courses in the core are fully transferable between state institutions. South Arkansas Community College’s Associate of Arts Degrees contains this general education core. For additional information, the student should check with his/her academic advisor. The core of general education includes the following:

**STATE MINIMUM CORE CURRICULUM**  
**South Arkansas Community College**

**English/Communications**

Nine (9) credits required

ENGL	1113	Composition I
ENGL	1123	Composition II
SPCH	1113	Principles of Speech

**Math**

Three (3) credits required from the following:

MATH	1023	College Algebra
MATH	1033	Plane Trigonometry
MATH	2015	Calculus I

**Science**

Four (4) credits required from the following:

BIOL	1004/L	Fundamentals of Biology/Lab
BIOL	1024/L	Vertebrate Zoology/Lab
BIOL	1034/L	General Botany/Lab

Four (4) credits required from the following:

CHEM	1024/L	Chemistry I for Science Majors/Lab
GEOL	1004/L	Physical Geology/Lab
GEOL	1014/L	Historical Geology/Lab
PHYS	2024/L	The Physical Sciences/Lab

**Fine Arts/Humanities**

Three (3) credits required from the following:

ENGL	2213	Literature I
ENGL	2223	Literature II
ENGL	2653	American Literature I
ENGL	2663	American Literature II

Three (3) credits required from the following:

ART	2003	Art Appreciation
MUS	2003	Music Appreciation
PHIL	2003	Introduction to Philosophy

**Social Sciences**

Three (3) credits required from the following:

HIST	2013	History of United States to 1876
HIST	2023	History of United States since 1876
PSCI	2003	American Government: National

Six (6) credits required from the following:

ECON	2003	Macroeconomic Principles
GEOG	2003	Introduction to Geography
HIST	1003	History of Civilization to 1700
HIST	1013	History of Civilization since 1700
PSYC	2003	General Psychology
SOC	2003	Introduction to Sociology

Choices must include three (3) credits of U.S. History or National Government and three (3) credits of non-history courses.

## **Statement of Purpose for General Education**

The faculty has adopted the statement that general education offerings are to promote a broad understanding and continued examination of human development and culture with the goals listed below.

South Arkansas Community College has established general education outcomes for all its degree programs, both AAS and AA, to help prepare students for success in the workplace, at home, and in the community; for life-long learning; and for transfer to other programs. These outcomes have determined the general education courses required for the degree curricula. Graduates of South Arkansas Community College degree programs should show the ability to do the following:

- comprehend, evaluate, and synthesize information gained by reading college level material
- synthesize information, formulate ideas, and organize perspectives clearly and logically to communicate effectively in writing
- understand the perspective of others within the context of their social, cultural, and ethnic backgrounds and apply that understanding to communications at home, in the workplace, and in the community
- understand and use mathematical concepts to solve problems and critically evaluate numerical information
- use technology appropriate to their fields and their continuing education
- understand and demonstrate ethical behavior socially, academically, and professionally.

Completion of the General Education Core Curriculum will enable the student to:

- Synthesize information, formulate ideas, and define perspectives clearly and logically in both written and oral form.
- Define and use appropriate and relevant terms, rules, formulas, concepts, symbols, and technology.
- Gather and evaluate resource materials, shape them into cogent presentations, and document them correctly.
- Understand and explain concepts of human behavior and biology, the natural environment, and the historical and aesthetic achievements arising from culture and heritage.
- Apply the knowledge of current information and technology to be healthy, productive, and effective in the ever-changing political, cultural, and social world.
- Analyze the multicultural and ethical issues that affect the modern world, compare them with one's own values, and describe one's role in the expanding global community.
- Demonstrate critical thinking skills and logical problem solving.
- Evaluate, interpret, and/or create works in the arts.
- Demonstrate literal, interpretive, and applied levels of comprehension of written and oral language.
- Acquire and apply oral, aural, physical, laboratory, and written skills appropriate to each field of study.

## **Arkansas Assessment of General Education (AAGE)**

In addition to course-level assessment in each of the courses represented in the core curriculum, South Arkansas Community College assesses general education attainment of students who have completed a substantial portion of the 35-credit core. The Measures of Academic Proficiency and Progress, or MAPP, is a standardized test completed in approximately 2 hours. The test includes questions in four skill areas (critical thinking, reading, writing and mathematics) and three context-based areas (humanities, social sciences and natural sciences). These tests provide the College with information regarding the quality of education provided in the general education courses.

## **Residency Requirements**

Students attending or having attended other colleges can meet residency requirements for an Associate degree by completing the last 15 credits at South Arkansas Community College or by completing any 30 credits at South Arkansas Community College. Residency for a certificate program must be proportional to that of the associate degree.

## **Credit for Work**

The unit of credit for work at the College is the semester hour. To earn a semester hour of credit, a student must spend 750 minutes per lecture hour (approximately one hour per week in fall and spring semesters or the equivalent time in summer/shortened semesters) plus the final exam. In laboratory or activity courses, a student may be required to spend more than one hour per week in order to earn a semester hour of credit. In most cases the last digit of the course number indicates the number of semester credits to be earned in the course. There are minimum numbers of credits required for completion of the various certificate and degree programs. Students should consult the catalog for the credit-hour requirements for completion of programs.

## **Choice of Catalog**

Students may meet the graduation requirements listed in the catalog in effect at the time they enter the institution, or they may meet the graduation requirements listed in any later catalog. In some occupational programs, external accrediting agencies and/or advisory committees may suggest or require program changes that might alter a program listed in the catalog that is in effect for some students. Students may appeal to the Academic Standards Committee when new catalog changes conflict with their original degree plan. To initiate the appeal, students must submit a written statement outlining reasons for the request to the Vice President of Academic Affairs and Student Services, requesting a review of their case. Appeal statements should have a letter of support from the program director or academic advisor.



# Liberal Arts and Business Programs

## ASSOCIATE OF ARTS DEGREE

This sequence of courses is designed to fulfill the general requirements of the first two years of study for a four-year degree. Students wishing to transfer should ask for a transfer guide from the college where they plan to pursue their baccalaureate.

Students may earn certificates and degrees from more than one program in an academic year but only the highest certificate or degree in any program will be awarded.

### General Transfer

#### English/Communications

Nine (9) hours from the following:

- ENGL 1113 Composition I ("C" or better)
- ENGL 1123 Composition II
- SPCH 1113 Principles of Speech

#### Mathematics

Three (3) hours from the following:

- MATH 1023 College Algebra
- MATH 1033 Plane Trigonometry
- MATH 2015 Calculus I

**Social Science** –Minimum of fifteen (15) hours total\*

*History* (six credit minimum) \*\*

- HIST 1003 History of Civilization to 1700
- HIST 1013 History of Civilization since 1700
- HIST 2013 History of the United States to 1876
- HIST 2023 History of the United States since 1876

*Social Science* (minimum of six hours in two different fields)

- ECON 2003 Macroeconomic Principles
- GEOG 2003 Introduction to Geography
- PSCI 2003 American Government: National
- PSYC 2003 General Psychology
- SOC 2003 Introduction to Sociology

\*Must include one course from the following:

- History of the United States to 1876,
- History of the United States since 1876,
- American Government: National

\*\*Must include one course from the following:

Up to six (6) hours elective credit from technical courses may be applied toward an Associate of Arts degree, provided these courses are chosen from a program which culminates in a one-year technical certificate or higher. Students should be aware that not all four-year colleges or universities will accept such courses to meet their graduation requirements.

- History of Civilization to 1700,
- History of Civilization since 1700

**Natural Science** - Eight (8) hours total

*Biological Science*- Four (4) hours from the following:

- BIOL 1004/L Fundamentals of Biology/Lab
- BIOL 1024/L Vertebrate Zoology/Lab
- BIOL 1034/L General Botany/Lab

*Physical Science*

Four (4) hours from the following:

- CHEM 1024/L Chemistry I for Science Majors/L
- GEOL 1004/L Physical Geology
- GEOL 1014/L Historical Geology
- PHYS 2024/L The Physical Sciences/Lab

**Fine Arts & Humanities** - Nine (9) total; must include three (3) hours of World Literature:

- ENGL 2213 Literature I
- ENGL 2223 Literature II
- ENGL 2653 American Literature I
- ENGL 2663 American Literature II
- ART 2003 Art Appreciation
- MUS 2003 Music Appreciation
- PHIL 2003 Introduction to Philosophy

**Health and Physical Education**

Two (2) hours from the following:

- P E 1001 P. E. Activity
- or

Three (3) hours from the following:

- HPER 1403 Personal and Community Health

## ASSOCIATE OF ARTS DEGREE

Courses recommended for students pursuing a particular major who may transfer to an Arkansas university.

### Accounting

ACCT 2003	Principles of Accounting I
ACCT 2103	Principles of Accounting II
BUS 1003	The American Enterprise System
BUS 2013	Quantitative Analysis
CSCI 2143	Microcomputer Business Applications
ECON 2103	Microeconomic Principles

Recommended Added Elective:

ACCT 2113	Computerized Acct. Systems
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### Business

ACCT 2003	Principles of Accounting I
ACCT 2103	Principles of Accounting II
BUS 1003	The American Enterprise System
BUS 2013	Quantitative Analysis
CSCI 2143	Microcomputer Business Applications
ECON 2103	Microeconomic Principles

### Chiropractic, Dentistry, Medicine, Mortuary Science, Pharmacy, Biochemistry

BIOL 2064/L	Human Anatomy and Physiology I/Lab
BIOL 2074/L	Human Anatomy and Physiology II/Lab
BIOL 2304/L	Kinesiology/Lab
HIT 1003	Medical Terminology

### Law or Legal Professions

ACCT 2003	Principles of Accounting I
ACCT 2103	Principles of Accounting II

### Engineering

Six credits of technical courses

### Computer Science, Management Information Systems, Computer Information Systems

ACCT 2003	Principles of Accounting I
ACCT 2103	Principles of Accounting II
CSCI 2143	Microcomputer Business Applications

### Social Work Professions

SOC 2003	Marriage and the Family
SPAN 1014	Elementary Spanish I
SPAN 1023	Elementary Spanish II

### Sports Medicine

BIOL 2064/L	Human Anatomy and Physiology I/Lab
BIOL 2074/L	Human Anatomy and Physiology II/Lab
BIOL 2304/L	Kinesiology/Lab
HIT 1003	Medical Terminology

## CERTIFICATE OF GENERAL STUDIES

### Technical Certificate

The Certificate of General Studies is designed to recognize the completion of a general education core of 34 credits. This program allows the student to earn an award after approximately one year of college education. The program is transferable to four year colleges in Arkansas and should have good transferability to colleges in other states. Students should always contact the university to which they wish to transfer for more information.

#### **English/Communications**

Nine (9) hours from the following:  
ENGL 1113 Composition I ("C" or better)  
ENGL 1123 Composition II  
SPCH 1113 Principles of Speech

#### **Mathematics**

Three (3) hours from the following:  
MATH 1023 College Algebra

#### **Social Science**

Total of nine (9) hours from the following:

##### *U.S. History or American Government –*

Three (3) hours taken from the following:  
HIST 1003 History of Civilization to 1700  
HIST 1013 History of Civilization since 1700  
HIST 2013 History of the United States to 1876  
HIST 2023 History of the United States since 1876  
PSCI 2003 American Government: National

*Social Science Courses – Three (3) hours from the following:*

PSYC 2003 General Psychology  
SOC 2003 Introduction to Sociology

*Social Science Elective – Three (3) hours taken from the above listing of history courses or from the following:*

ECON 2003 Macroeconomic Principles  
GEOG 2003 Introduction to Geography

#### **Natural Science**

Total of four (4) to eight (8) hours from the following (with lab):

##### *Biological Science*

BIOL 1004/L Fundamentals of Biology/Lab  
BIOL 1024/L Vertebrate Zoology/Lab  
BIOL 1034/L General Botany/Lab

##### *Physical Science*

CHEM 1024/L Chemistry I for Science Majors/L  
GEOL 1004/L Physical Geology  
GEOL 1014/L Historical Geology  
PHYS 2024/L The Physical Sciences/Lab

#### **Technology**

Three (3) hours from the following:  
CSCS 1003 Computers and Information Processing  
Or  
Technology Elective

#### **Fine Arts/Humanities**

Three (3) – six (6) hours taken from the following:

ART 2003 Art Appreciation  
ENGL 2213 Literature I  
ENGL 2223 Literature II  
ENGL 2653 American Literature I  
ENGL 2663 American Literature II  
MUS 2003 Music Appreciation  
PHIL 2003 Introduction to Philosophy

## **Education Programs**

South Arkansas Community College's Education department consists of three different education tracks. The AAS or Associate of Arts of Applied Science in Early Childhood Education, which consists of 39 general education hours and 39 Early Childhood hours. Twelve of these Early Childhood hours form the Certificate of Proficiency and count toward the CDA – Child Development Associate credential. The AAS degree also offers a Technical Certificate, which consists of 21 general education credits and 18 Early Childhood credits. It consists of two practicums where students receive hands-on training in a licensed preschool setting.

The AAT or Associate of Arts in Teaching Degree is a transfer degree for students who plan to pursue a bachelor's degree in Education at a 4-year institution. It consists of the core curriculum plus 15 – 18 hours of Education credits.

Students are required to have a 2.65 GPA, pass the PRAXIS I exam, and take the MAPP test in order to be awarded this degree.

The final track is the 2+2 Program. Education students can complete their Bachelor's degree at SouthArk via online courses, adjunct instruction, and CIV. SouthArk currently has an articulation agreement with UAM for P-4 certification.

### **DISMISSAL FROM THE PROGRAM**

The faculty and director reserve the right to dismiss any student for just cause. Just cause may be defined as excessive absenteeism, inability to pass required courses (core or program specific), unsatisfactory progress in practicum performance, moral and ethical misbehaviors, poor interpersonal skills, and insubordination.

Unsatisfactory progress is communicated through guidance and intervention forms, warning letters, and academic probation.

### **EARLY CHILDHOOD EDUCATION**

The growing field of early childhood education needs additional well-trained professionals to care for children and to support their families in a multitude of settings. Early childhood education professionals may be employed in public and private centers, special needs centers, Headstart and ABC programs. Under a director's supervision, the childcare worker provides infants primary care giving while relating with families in a supportive manner. For toddlers and older children, the childcare worker plans and provides a developmentally appropriate curriculum to support independent and group learning. Activities are designed to foster children's self-esteem, expand their social and problem-solving skills, and engage them in inquisitive thinking while offering security and comfort.

The objective of this program is to provide a career ladder for students, beginning with the Certificate of Proficiency, a twelve-credit-hour course of study designed to prepare individuals for the Child Development Associate Credential (CDA); progressing to a 39-credit-hour Technical Certificate in Early Childhood Education for students who wish a more in-depth program of study; and culminating in the Associate of Applied Science

degree in Early Childhood Education for students who need a thorough background in the field with the status of a two-year degree for credentialing purposes. Students must make a “C” or better in all ECE classes and maintain a 2.5 GPA in order to remain in the program. Students who need a degree to achieve their career goals but would prefer an Associate of Arts program that emphasizes general education may choose the AAT degree.

## **EARLY CHILDHOOD EDUCATION Certificate of Proficiency**

These courses provide 120-clock-hours of classroom instruction using the CDA Curriculum. There will also be additional hours of hands-on experience required so that formal observations may be completed.

<b>COURSE</b>		<b>SEM.HR.</b>
ECE 1003	Foundations of Early Childhood Education	3
ECE 1013	Child Growth & Development	3
ECE 1023	Environments for Young Children	3
ECE 1033	Technical Practicum I	<u>3</u>
<b>TOTAL HOURS</b>		<b>12</b>

## **EARLY CHILDHOOD EDUCATION Technical Certificate**

This course of study equips students with skills and knowledge beyond those required for the CDA credential and qualifies program completers for jobs with greater responsibility in the child care industry.

### **BASIC SKILLS REQUIREMENTS**

BSTD 0213	Fundamentals of Writing II
BSTD 0113	Reading Skills II

### **MATH REQUIREMENTS: Three (3) hours from the following:**

BSTD 0513	Intermediate Algebra
MATH 1023	College Algebra

### **ENGLISH REQUIREMENTS: Six (6) hours from the following:**

ENGL 1113	Composition I
ENGL 1123	Composition II

### **COMPUTER TECHNOLOGY REQUIREMENT: Three (3) hours:**

CSCI 1003	Computer Information Processing
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### **PSYCHOLOGY REQUIREMENT: Three (3) hours:**

PSYC 2003	General Psychology
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### **EARLY CHILDHOOD EDUCATION: Eighteen (18) hours:**

ECE 1003	Foundations of Early Childhood Education
ECE 1013	Child Growth & Development

ECE	1023	Environments for Young Children
ECE	1033	Technical Practicum I
ECE	1043	Creative Arts for Preschool Children
ECE	2033	Guiding Social & Emotional Behavior

**Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

## EARLY CHILDHOOD EDUCATION Associate Degree

The Early Childhood Education program is designed to provide childcare workers with the knowledge and skills to meet the physical, mental, social, emotional, and developmental needs of young children. Upon completion of the program, graduates will be eligible for employment as childcare center directors, childcare teacher's aides and caregivers, and kindergarten or elementary classroom paraprofessionals.

**BASIC SKILLS REQUIREMENTS**

BSTD	0213	Fundamentals of Writing II
BSTD	0113	Reading Skills II
BSTD	0513	Intermediate Algebra

**ENGLISH: Six (6) hours from the following:**

ENGL	1113	Composition I
ENGL	1123	Composition II

**COMPUTER SCIENCE: Three (3) hours:**

CSCI	1003	Computer Information Processing
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**NATURAL SCIENCE: Four (4) hours:**

BIOL	1004/L	Fundamentals of Biology
CHEM	1024/L	Chemistry I for Science Majors/L
PHYS	2024/L	The Physical Sciences

**GEOGRAPHY: Three (3) hours:**

GEOG	2003	Introduction to Geography
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**PSYCHOLOGY: Three (3) hours:**

PSYC	2003	General Psychology
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**SOCIOLOGY: Three (3) hours from the following:**

SOC	2003	Introduction to Sociology
SOC	2033	Marriage and the Family

**EARLY CHILDHOOD EDUCATION: Thirty-nine (39) hours:**

ECE	1003	Foundations of Early Childhood Education
ECE	1013	Child Growth & Development
ECE	1023	Environments for Young Children
ECE	1033	Technical Practicum I
ECE	1043	Creative Arts for Preschool Children
ECE	1053	Curriculum Methods & Materials
ECE	2003	Emerging Literacy
ECE	2013	Infant & Toddler Development
ECE	2023	Survey of Exceptional Children
ECE	2033	Guiding Social & Emotional Behavior
ECE	2043	Social Studies, Math & Science for Preschool
ECE	2053	Administration of Preschool Programs
ECE	2063	Technical Practicum II

**Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

## **ASSOCIATE OF ARTS IN TEACHING DEGREE**

This degree option includes all of the general education courses required for the Associate of Arts degree plus additional courses from education. This degree option is intended to accommodate students interested in transferring their course work into a baccalaureate program in Teacher Education. Students who meet the graduation requirements of the AAT Degree and who apply to one of these institutions will be granted admission to the Teacher Education program as juniors without loss of credits earned at SouthArk.

The degree plan consists of the General Education Core and up to eighteen (18) credits in Education courses. Students should select the university they wish to attend to complete the baccalaureate degree and then enroll in the courses that are specified for that particular university. Students wishing to transfer need to meet with the SouthArk AAT Program Director for detailed transfer information.

## Associate of Arts in Teaching at Two-Year Colleges

Generic Plan - Degree Code: 1005

Associate of Arts in Teaching Middle School: Emphasis Arithmetic/Science		Associate of Arts in Teaching Middle School: Emphasis Language Arts/Social Studies		Associate of Arts in Teaching: P-4	
Courses to be taken from two-year campus	Credits	Courses to be taken from two-year campus	Credits	Courses to be taken from two-year campus	Credits
<b>English/Communication</b>					
English Composition I	3	English Composition I	3	English Composition I	3
English Composition II	3	English Composition II	3	English Composition II	3
Speech (Oral Communications)	3	Speech (Oral Communications)	3	Speech (Oral Communications)	3
<b>Mathematics</b>					
College Algebra	3	College Algebra	3	College Algebra	3
<b>Lab Science</b>					
Biology with Lab	4	Biology with Lab	4	Biology with Lab	4
Intro to Physical Science with Lab	4	Intro to Physical Science with Lab	4	Intro to Physical Science with Lab	4
<b>Fine Arts/Humanities</b>					
Visual Arts or Musical Arts or Theatre Arts	3	Visual Arts or Musical Arts or Theatre Arts	3	Visual Arts or Musical Arts or Theatre Arts	3
World Literature I or II	3	World Literature I	3	World Literature I or II	3
<b>Social Sciences</b>					
U.S. Government	3	U.S. Government	3	U.S. Government	3
World Civilization I or II	3	World Civilization I	3	World Civilization I or II	3
American History I or II	3	American History I	3	American History I or II	3
<b>State Minimum Core Sub-total</b>	<b>35</b>	<b>State Minimum Core Sub-total</b>	<b>35</b>	<b>State Minimum Core Sub-total</b>	<b>35</b>
<b>Education Courses</b>					
Intro to Education	3	Intro to Education	3	Intro to Education	3
K-12 Educational Technology	3	K-12 Educational Technology	3	K-12 Educational Technology	3
<b>Math/Science Track</b>		<b>Language Arts/Social Studies Track</b>		<b>P-4 Education Track</b>	
<b>Mathematics</b>		<b>Language Arts</b>		<b>Mathematics</b>	
College Trig, Pre-Calculus, Survey of Calculus or higher	3-4	World Literature II	3	Math for Teachers I	3
Math for Teachers I	3	American Literature I	3	Math for Teachers II	3
Math for Teachers II	3	American Literature II	3		
<b>Science</b>		<b>Social Science</b>		<b>P-4 Preparation</b>	
Physical Geography, Geology or Earth Systems with Lab	4	World Civilization II	3	Geography	3
		American History II	3	PE Activity	1
		Geography	3	Child Growth and Development	3
				Directed Elective	0-3
<b>Social Science</b>		<b>Social Science</b>		<b>Social Science</b>	
Arkansas History	3			Arkansas History	3
Introduction to Psychology	3	Introduction to Psychology	3	Introduction to Psychology	3
<b>Total hours for AAT-Math/Science</b>	<b>60-61</b>	<b>Total hours for AAT-Language Arts/Social Studies</b>	<b>62</b>	<b>Total hours for AAT-P-4</b>	<b>60-63</b>



**Student requirements to be awarded the AAT Degree**

- Successfully pass the PRAXIS I Exam
- Have a cumulative GPA of 2.65

**2 + 2 BACHELOR'S PROGRAM****University of Arkansas-Monticello**

The Bachelor of Arts Degree in Early Childhood Education was approved by UAM in fall 2005 and was developed in response to the Arkansas licensure guidelines which replaced elementary education 1-6. The B.A. in Early Childhood Education will be delivered to SouthArk students as a 2+2 program, with students completing their Associate Degree (first two years of coursework) at SouthArk and then transitioning to the UAM four-year degree program for junior and senior level coursework. The UAM courses will be delivered to SouthArk students in their junior and senior years through one of the following delivery methods: (1) onsite UAM adjunct faculty; (2) compressed interactive video (CIV); or (3) online web-based courses. The SouthArk students will matriculate through the program as a cohort.

# Information and Business Technologies Programs

## ACCOUNTING (ACCT) Technical Certificate

This program prepares students for entry level positions in the field of accounting. Graduates from the program will be qualified for positions in general accounting, payroll accounting, tax accounting, and inventory management, and as bookkeepers and bank tellers. Computerized accounting will be integrated in much of the course work.

### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
ACCT 2003	Principles of Accounting I	3
ADMS 1013	Fundamentals of Keyboarding	3
ADMS 1023	Intermediate Keyboarding	3
BSTD 0513	Intermediate Algebra or	
MATH 1023	College Algebra	3
BUS 1003	The American Enterprise System	3
CSCI 2143	Microcomputers: Business Applications	3
ENGL 1113	Composition I	<u>3</u>
<b>Semester Total</b>		<b>18</b>

### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
ACCT 2103	Principles of Accounting II	3
ACCT 2113	Computerized Accounting Systems	3
ADMS 2063	Business Communications	3
CSCI 2413	Advanced Microsoft Office or	
CSCI 2223	Excel	3
ENGL 1123	Composition II	<u>3</u>
<b>Semester Total</b>		<b>18</b>

**Total Program Hours** ..... 36

## ADMINISTRATIVE ASSISTANT TECHNOLOGY

**Certificate of Proficiency First Semester**

**Technical Certificate First Year**

**Associate of Applied Science Second Year**

This program provides education to students seeking employment in this challenging and rewarding career. Graduates of this program are employed in support roles in businesses, schools, or wherever organizational, computer, and interpersonal skills are important. The program offers a certificate of proficiency for approximately one semester (5 months) of college work. The program features courses in word processing, accounting, management, business communications, electronic publishing, psychology, and English.

### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
ACCT 2003	Principles of Accounting I or	
ADMS 1003	Introduction to Accounting	3

ADMS 1023	Intermediate Keyboarding	3
ADMS 1043	Administrative Technology	3
CSCI 2143	Microcomputer Business Applications	3
ENGL 1123	Composition I	3
MGMT 1113	Introduction to Management	<u>3</u>
<b>Semester Total</b>		<b>18</b>

A certificate of proficiency may be awarded to an Administrative Assistant Technology student completing the courses listed for the first semester if the student has completed Fundamentals of Math or has a minimum score of 36 on the Numerical Skills section of the COMPASS.

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
ADMS 2063	Business Communications	3
BSTD 0513	Intermediate Algebra or	
MATH 1023	College Algebra*	3
CSCI 1903	Desktop Publishing I	3
CSCI 2413	Advanced Microsoft Office or	
CSCI 2223	Excel	3
	Restricted Elective	<u>3</u>
<b>Semester Total</b>		<b>15</b>

\*Elementary Algebra meets the requirements for a technical certificate.

***FALL SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
BUS 1003	The American Enterprise System	3
ENGL 1123	Composition II	3
PSYC 2003	General Psychology or	
SOC 2003	Introduction to Sociology	3
	Restricted Electives	<u>6</u>
<b>Semester Total</b>		<b>15</b>

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
ADMS 2703	Professional Projects and Portfolio Design	3
ENGL 2123	Advanced Grammar & Composition	3
MGMT 2113	Management Skills	3
	Restricted Elective	<u>6</u>
<b>Semester Total</b>		<b>15</b>

**Total Program Hours** ..... 63

***RESTRICTED ELECTIVES***

ACCT 2003	Principles of Accounting I	CSCI 1114	IT Essentials IB
ACCT 2103	Principles of Accounting II	CSCI 2043	Web Design
ACCT 2113	Computerized Accounting Systems	CSCI 2113	Desktop Publishing II
BUS 2013	Quantitative Analysis	CSCI 2203	Database
BUS 2903	Special Topics in Business	CSCI 2353	Special Topics in IT
CSCI 1112	IT Essentials IA	MGMT 2613	Small Business Management

## COMPUTER INFORMATION TECHNOLOGY (CIT)

### Technical Certificate Track First Year Associate of Applied Science Second Year

This program emphasizes on the basic concepts of computer systems and provides training for entry-level positions. The Application Track and the Networking Track provide options so students can individualize their degrees to their specific career goals. SouthArk's objective is for students to gain the knowledge, professional confidence, and intellectual maturity to secure higher-level jobs.

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
ACCT 2003	Principles of Accounting I	3
BUS 1003	The American Enterprise System	3
CSCI 2023	Visual Basic for Windows	3
CSCI 2143	Microcomputers: Business Applications	3
ENGL 1113	Composition I	<u>3</u>
<b>Semester Total</b>		<b>15</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
ACCT 2103	Principles of Accounting II	3
ADMS 2063	Business Communications	3
CSCI 2223	Excel or	3
CSCI 2413	Advanced Microsoft Office	
ENGL 1123	Composition II	3
MATH 1023	College Algebra*	<u>3</u>
<b>Semester Total</b>		<b>15</b>

\*Intermediate Algebra meets the graduation requirements for a technical certificate.

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
CSCI 1903	Desktop Publishing I	3
CSCI 2043	Web Design	3
CSCI 2353	Special Topics in IT	3
ECON 2103	Microeconomic Principles	3
	Restricted Electives	<u>6</u>
<b>Semester Total</b>		<b>18</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
CSCI 2113	Desktop Publishing II or Programming Language Elective	3
CSCI 2203	Database	3
CSCI 2703	Professional Projects and Portfolio Design	3
	Restricted Electives	<u>6</u>
<b>Semester Total</b>		<b>15</b>

**Total Program Hours ..... 63**

**RESTRICTED ELECTIVES CIT**

ACCT 2113	Computerized Accounting Systems	CSCI 2193	Advanced Web Design
		CSCI 2351/52/53	Special Topics in IT
BUS 2013	Quantitative Analysis	ECON 2003	Macroeconomic Principles
CSCI 2113	Desktop Publishing II		
CSCI 2183	Introduction to Computer Graphics		

**GENERAL BUSINESS ADMINISTRATION (GBA)**

**Technical Certificate First Year**

**Associate of Applied Science Second Year**

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
ADMS 1023	Intermediate Keyboarding	3
BSTD 0513	Intermediate Algebra or	
MATH 1023	College Algebra*	3
BUS 1003	The American Enterprise System	3
CSCI 1003	Computers and Information Processing	3
CSCI 2023	Visual Basic for Windows or	
CSCI 2124/L	Introduction to JAVA	3 / 4
ENGL 1113	Composition I	3
	Programming Language Elective	<u>3</u>
<b>Semester Total</b>		<b>18/19</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
ADMS 2063	Business Communications	3
BUS 2013	Quantitative Analysis	3
CSCI 2143	Microcomputers: Business Applications	3
ENGL 1123	Composition II	3
	Restricted Elective	<u>3</u>
<b>Semester Total</b>		<b>15</b>

\*Elementary Algebra meets the requirements of a technical certificate.

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
ACCT 2003	Principles of Accounting I	3
ECON 2003	Macroeconomic Principles	3
ENGL 2123	Advanced Grammar and Composition	3
MGMT 1113	Introduction to Management	3
	Restricted Elective	<u>3</u>
<b>Semester Total</b>		<b>15</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
ACCT 2103	Principles of Accounting II	3
ACCT 2113	Computerized Accounting Systems	3
CSCI 2223	Excel	3
ECON 2103	Microeconomic Principles	3
	Restricted Elective	<u>3</u>
<b>Semester Total</b>		<b>15</b>

**Total Program Hours ..... 63/64**

**RESTRICTED ELECTIVES**

BUS 2903 Special Topics in Business	MGMT 2113 Management Skills
CSCI 1103 COBOL Programming	MGMT 2613 Small Business Management
CSCI 1903 Desktop Publishing I	MGMT 2653 Special Topics in Management
CSCI 2203 Database	
CSCI 2703 Professional Projects & Portfolio Design	

**GENERAL BUSINESS ADMINISTRATION (GBA)  
Associate of Applied Science Second Year  
MID-MANAGEMENT OPTION**

This program provides graduates the skills for entry into business management positions. Program features courses in business practices, using computers in the business world, understanding of economics, applying accounting practices to businesses, and business communications.

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
ADMS 1023	Intermediate Keyboarding	3
BSTD 0513	Intermediate Algebra	3
BUS 1003	The American Enterprise Systems	3
ENGL 1113	Composition I	3
MGMT 1113	Introduction to Management	<u>3</u>
<b>Semester Total</b>		<b>15</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
ADMS 2063	Business Communications	3
CSCI 2143	Microcomputers: Business Applications	3
ENGL 1123	Composition II	3
MGMT 1114	Job Practicum I	4
MGMT 2113	Management Skills	3
<b>Semester Total</b>		<b>16</b>

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
ACCT 2003	Principles of Accounting I	3
ECON 2003	Macroeconomic Principles	3
MGMT 2613	Small Business Management	3
MGMT 2114	Job Practicum II	4
	IBT Elective	<u>3</u>
<b>Semester Total</b>		<b>16</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
ACCT 2103	Principles of Accounting II	3
BUS 2013	Quantitative Analysis	3
ECON 2103	Microeconomic Principles	3
MGMT 2214	Job Practicum III	<u>4</u>
<b>Semester Total</b>		<b>13</b>
<b>Total Program Hours</b> .....		<b>60</b>

## NETWORK SECURITY TECHNOLOGY

### Associate of Applied Science Second Year

This program provides education to students seeking employment in the new and emerging network security occupations. The program provides both the knowledge and the skills to protect network and data resources. Graduates of the program will acquire marketable skills and industry-recognized certifications from (ISC)<sup>2</sup> (International Information Systems Security Certifications Consortium Inc.) and the SANS Institute (SysAdmin, Audit, Network, Security).

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
CSCI 1263	Fundamentals of the Windows XP Operating Environment/Lab	3
CSCI 1403	CCNA 1 Networking Basics	3
ENGL 1113	Composition 1	3
NST 1203	Cyberspace Laws and Ethical Issues	3
NST 1423	Introduction to Information Security	<u>3</u>
<b>Semester Total</b>		<b>15</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
CSCI 1274	Windows 2003 Server/Network Administration	4
CSCI 1304	Network + Certification Review/Lab	4
CSCI 1413	Cisco 2 Routers and Router Basics/Lab	3
CSCI 1803	Security + Certification Review	3
ENGL 1123	Composition II	<u>3</u>
<b>Semester Total</b>		<b>17</b>

#### *SUMMER SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
NST 2094	Introduction to Hacking Techniques	<u>4</u>
<b>Semester Total</b>		<b>4</b>

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
BUS 2013	Quantitative Analysis	3
CSCI 2323	Cisco 3 Switching Basics & Intermediate Routing/Lab	3
NST 2163	Incident Response and Handling	3
NST 2164	Computer System Forensics/Lab	4
NST 2214	Firewalls and Network Security/Lab	<u>4</u>
<b>Semester Total</b>		<b>17</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
BSTD 0513	Intermediate Algebra	3
CSCI 1703	Introduction to Linux/Lab	3
CSCI 2204	Implementing & Administering Microsoft	4
CSCI 2343	Cisco 4 WAN Technologies/Lab	3
PSYC 2003	General Psychology	<u>3</u>
<b>Semester Total</b>		<b>16</b>
<b>Total Program Hours</b> .....		<b>69</b>

## NETWORK SECURITY TECHNOLOGY

### Advanced Technical Certificate in Network Security Technology

(Available for students who have completed the Computer Information Technology Program AAS Degree.)

#### *SUMMER SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
NST 2314	Advanced Hacking Techniques	<u>4</u>
<b>Semester Total</b>		<b>4</b>

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
NST 2104	Designing a Secure Microsoft Windows Network/Lab	4
NST 2414	Encryption Techniques/Lab	4
NST 2424	Advanced Firewalls and Network Security/Lab	4
NST 2434	Advanced Computer and Network Forensics/Lab	4
NST 2443	Security Assessment and Auditing/Lab	<u>3</u>
<b>Semester Total</b>		<b>19</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
NST 2504	Professional Project	4
NST 2514	Advanced Encryption Techniques	4
NST 2524	CISSP Review	4
NST 2533	Special Topics – Capstone	3
NST 2554	Advanced Intrusion Detection and Traffic Analysis	<u>4</u>
<b>Semester Total</b>		<b>19</b>

**Total Program Hours** ..... 42



# Health and Natural Science Programs

## Emergency Medical Technician Programs

Two levels of certificate training are provided in Emergency Medical Services. In addition, an Associate of Applied Science Degree option is available.

### **Emergency Medical Technician-Basic Ambulance**

This 155-clock-hour course is designed to prepare students for the basic EMT certification examination administered by the Arkansas Department of Health. The course includes CPR, anatomy, dealing with trauma, splinting, use of spine boards, bandaging, emergency care of patients, and other approved equipment. Upon completion, the student is awarded the Certificate of Proficiency. Applications and additional information are available from the college Enrollment Services Office.

### **Advanced Emergency Medical Technician-Paramedic**

The Emergency Medical Technician-Paramedic program consists of three semesters of concentrated study including classroom, hospital clinical experiences, and field internship rotations with an Advanced Life Support ambulance service.

The EMT-Paramedic is currently the highest classification of Emergency Medical Technician in Arkansas. EMT's are health professionals concerned primarily with pre-hospital care of acutely ill and injured patients. EMTs perform such measures as CPR, extrication of patients from constraining environments, initial patient assessment, stabilization, and emergency and routine transport to healthcare facilities. Paramedics play an expanded role in administering emergency care using invasive techniques through standing orders, and they may assist in various basic settings, such as the Emergency Room (ER) or Intensive Care Unit (ICU). The program is accredited by The Commission on Accreditation of Allied Health Education Programs (CAAHEP), 1361 Park Street, Clearwater, FL 33756, (727) 210-2350.

Students completing the three semesters of EMT- Paramedic courses will be awarded a Technical Certificate. Students are then eligible to sit for the state or national registry. Students may earn Associate of Applied Science Degree by completing the additional 30-hour general education requirement.

### **Admission Process**

The Arkansas Department of Health approves enrollment limits per class for the EMT-Paramedic program. Contact the Enrollment Services Office for information and application packets.

The following information is required:

1. Must be 18 years of age.
2. High school transcript, college transcript, and/or GED scores if applicable.
3. Current certification as an EMT-A.
4. Current American Heart Association Health Care Provider CPR certification or Arkansas Dept. of Health approved equivalent course.
5. A physical examination form documenting good physical and mental health upon being admitted.

Competitive components of the required information are:

6. Three (3) written references as to character and professional attitude.
7. Basic studies test scores.
8. Interview(s) with the Program Director and Medical Director.

**EMERGENCY MEDICAL TECHNICIAN – BASIC AMBULANCE  
Certificate of Proficiency**

<b>COURSE</b>		<b>SEM.HR.</b>
EMT 1007	Emergency Medical Technician Ambulance (Basic)	7

**EMERGENCY MEDICAL TECHNICIAN – PARAMEDIC  
Technical Certificate**

***FALL SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
EMT 1012	Human Systems and Assessment	2
EMT 1011	EMS Environment I	1
EMT 1013	Shock and Fluid Therapy	3
EMT 1023	Emergency Respiratory Care	3
EMT 1022	Pharmacology	2
EMT 1033	Intermediate Clinical Rotation	<u>3</u>
<b>Semester Total</b>		<b>14</b>

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
EMT 1015	Emergency Cardiac Care	5
EMT 1043	Traumatology	3
EMT 1053	Medical Emergencies I	3
EMT 1014	Paramedic Clinical Rotation I	4
EMT 2232	Assessment Based Management	<u>2</u>
<b>Semester Total</b>		<b>17</b>

***LONG SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
EMT 2112	Medical Emergencies II	2
EMT 2022	EMS Environment II	2
EMT 2101	Paramedic Clinical Rotation II	1
EMT 2224	Field Internship I	4
EMT 2234	Field Internship II	<u>4</u>
<b>Semester Total</b>		<b>13</b>

**Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 16 or above (or) ASSET Numerical Skills 42 or above (or) COMPASS 49 or above (or) complete BSTD 0314 Fundamentals of Arithmetic.

**EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC  
Associate of Applied Science Degree**

Students desiring an Associate of Applied Science Degree will be required to complete the requirements of a Technical Certificate and the following general education requirements.

<b>COURSE</b>		<b>SEM.HR.</b>
ENGL 1113	Composition I	3
ENGL 1123	Composition II	3
PSYC 2003	General Psychology, American Government, U.S. History, or Approved Elective	3
CSCI 1003	Computers and Information Processing	3
	Physical Science Elective*	4
	Biological Science Electives**	8
	Intermediate Algebra (BSTD 0513)	<u>3</u>
<b>Total</b>		<b><u>30</u></b>

\*PHYS 2024/L, CHEM 1064/L, CHEM 1024/L, or CHEM 1124/L.

\*\*BIOL 1004/L, BIOL 1024/L, MBIO 1124/L, or BIOL 2064/L and BIOL 2074/L.

<b>Total Credits for EMT-Paramedic Associate Degree</b>	<b>SEM. HR.</b>
Paramedic Technical Certificate .....	44
General Education Requirements.....	<u>30</u>
<b>Total Hours for EMT-Paramedic Associate Degree .....</b>	<b>74</b>

**HEALTH INFORMATION TECHNOLOGY PROGRAMS (HIT)  
Medical Coding and Medical Transcription**

The HIT programs at South Arkansas Community College consist of a one-year technical certificate in medical coding or a one-year technical certificate in medical transcription. The programs will prepare individuals for diagnostic and procedural coding positions and/or medical transcription positions in hospitals, physician offices and clinics, long-term care facilities, insurance companies, home care agencies, managed care organizations, and surgical centers. Both programs consist of classroom instruction on campus and clinical instruction in clinic and hospital settings in the surrounding area.

**MEDICAL CODING  
Technical Certificate**

**36 credit hour program** - After completing the coding program, students will be ready to sit for the Certified Coding Associate exam with the American Health Information Management Association (AHIMA).

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
BIOL 2064/L	Human Anatomy and Physiology I/Lab	4
HIT 1003	Medical Terminology	3
HIT 1153	Health Care Delivery Systems	3
HIT 2073	Basic Medical Coding I	3
HIT 2081	Laboratory Practice in Coding	1

HIT 2803	Introduction to Medical Science	<u>3</u>
<b>Semester Total</b>		<b>17</b>

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
CSCI 1003	Computers & Information Processing	3
BIOL 2074/L	Human Anatomy and Physiology II/Lab	4
HIT 2173	Reimbursement Methodology	3
HIT 2183	Advanced Medical Coding II	3
HIT 2262	Medical Ethics and Law	2
HIT 2191	Practice Coding II	<u>1</u>
<b>Semester Total</b>		<b>16</b>

***SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
HIT 2773	Medical Coding Practicum	<u>3</u>
<b>Semester Total</b>		<b>3</b>

**Total Program Credits** ..... **36**

**MEDICAL TRANSCRIPTION**

**Technical Certificate**

**31 credit hour program** - The curriculum at South Arkansas Community College is based on the guidelines provided by the American Association for Medical Transcription (AAMT) Model Curriculum for Medical Transcription. After completing the program students will be prepared to sit for the Registered Medical Transcriptionist (RMT) exam with the AAMT.

***FALL SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
BIOL 2064/L	Human Anatomy and Physiology I/Lab	4
HIT 1003	Medical Terminology	3
HIT 1153	Health Care Delivery Systems	3
HIT 2144	Basic Medical Transcription/Lab	4
HIT 2803	Introduction to Medical Science	<u>3</u>
<b>Semester Total</b>		<b>17</b>

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
BIOL 2074/L	Human Anatomy and Physiology II/Lab	4
CSCI 2143	Microcomputers: Business Applications	3
ENG 1113	Composition I	3
HIT 2154	Advanced Medical Transcription/Lab	<u>4</u>
<b>Semester Total</b>		<b>14</b>

***SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
HIT2783	Medical Transcription Practicum	<u>3</u>
<b>Semester Total</b>		<b>3</b>

**Total Program Credits** ..... **34**

**Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 82 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

-Prerequisites must be completed with a minimum of a C.

**CERTIFIED NURSING ASSISTANT  
Certificate of Proficiency**

This minimum 90-clock hour program trains students to work in both acute and long-term care facilities. Upon completion of the program, the successful student should be able to:

1. perform uncomplicated nursing procedures and to assist licensed practical nurses or registered nurses in direct client care;
2. form a relationship, communicate, and interact competently on a one-to-one basis with clients as part of the team implementing client care objectives;
3. demonstrate sensitivity to clients’ emotional, social, and mental health needs through skillful, directed interactions;
4. assist clients in attaining and maintaining functional independence;
5. exhibit behavior in support and promotion of client’s rights; and,
6. demonstrate observational and documented skills needed in support of the assessment of client’s health, physical condition, and well being.

**Admission Process**

1. High School diploma or GED equivalency with transcript or official college transcript if applicable.
2. Completion of general admissions procedures to College.
3. COMPASS test.
4. Meet with CNA Advisor in Workforce Building on East Campus.
5. A background check will be required prior to admission into the clinical portion of the course.
6. A PPD skin test or chest x-ray will be required prior to admission into the clinical portion of the course.

High School Med Pro Ed students may register for this program. Please contact the CNA Department for further information about credit transfer.

Students successfully completing the program will be awarded the Certificate of Proficiency and will be eligible to sit for the state registry examination for Certified Nursing Assistants. Classes required for the certificate are:

<b>COURSE</b>		<b>SEM.HR.</b>
NA 1002	Nursing Assistant	2
NA 1012	Nursing Assistant Clinical	2
HIT 1003	Medical Terminology	<u>3</u>
<b>Total Hours for Certificate of Proficiency</b>		<b>7</b>

## OCCUPATIONAL THERAPY ASSISTANT Associate of Applied Science

Occupational Therapy is a dynamic profession working with people with physical, emotional, and other challenges. It is a well-paid, satisfying career where a caring professional can make a difference and help people regain independence and get back to enjoying life to its fullest. The Occupational Therapy Assistant Program prepares students to work in one of the fastest growing professions in the country. Students in the Occupational Therapy Assistant Program begin with general education prerequisites to prepare them for areas they will study in the Occupational Therapy Assistant Program. Once students are accepted into the Program, they take specialized Occupational Therapy Assistant courses that prepare them to work in hospitals, outpatient clinics, schools, and many other areas. The Program begins with lecture courses and then adds “hands- on” learning and application of therapy skills needed to be successful in the variety of jobs. Application packets for entry into the program are available in the Program Director’s office. Seventeen (17) students are admitted to the program on a yearly basis. The Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P. O. Box 3122, Bethesda, MD 20824-1200. AOTA’s phone number is (301) 652-AOTA. Graduates of the Occupational Therapy Assistant Program are able to sit for the National certification examination for the occupational therapy assistant administered by the National Board of Certification in Occupational Therapy (NBCOT). Students successfully completing this program will be awarded the Associate of Applied Science Degree.

### *PREREQUISITE COURSES\**

<b>COURSE</b>		<b>SEM.HR.</b>
ENGL 1113	Composition I	3
ENGL 1123	Composition II	3
BSTD 0513	Intermediate Algebra or	
MATH 1023	College Algebra	3
CSCI 1003	Computer and Info Processing	3
PSYC 2003	General Psychology	3
PSYC 2223	Developmental Psychology	3
PSYC 2203	Abnormal Psychology	3
SOC 1003	Introduction to Sociology	3
BIOL 2064/L	Anatomy and Physiology I/Lab	4
BIOL 2074/L	Anatomy and Physiology II/Lab	4
BIOL 2304/L	Kinesiology/Lab	4
OTA 1003	Introduction to Occupational Therapy	3

\*Any substitutions to the stated academic pre-requisites must be approved by the OTA Program Director prior to application to the program.

### *SUMMER SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
OTA 2103	Pathology and Occupational Therapy Interventions	3
OTA 2113	Pediatrics & Occupational Therapy Interventions	3
OTA 2203	Geriatrics and Occupational Therapy Interventions	3
OTA 2101	Clinical Interventions Laboratory	<u>1</u>
<b>Semester Total</b>		<b>10</b>

### **FALL SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
OTA 1404	Mental Health & Occupational Therapy Interventions	4
OTA 1303	Group Intervention Skills	3
OTA 1503	Occupation Intervention, Analysis, & Application	3
OTA 2303	Advanced Clinical Management	3
OTA 2201	Fieldwork Level I	<u>1</u>
<b>Semester Total</b>		<b>14</b>

### **SPRING SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
OTA 2304	Advanced Occupational Therapy Interventions	4
OTA 2404	Phys. Dysf. & Occupational Therapy Interventions	4
OTA 2504	Advanced Clinical Intervention Skills	<u>4</u>
<b>Semester Total</b>		<b>12</b>

### **SUMMER SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
OTA 2514	Fieldwork Level II-A* (35 hrs. per week, 5 days per wk., 8 wks)	4
OTA 2524	Fieldwork Level II-B* (35 hrs. per week, 5 days per wk., 8 wks)	<u>4</u>
<b>Semester Total</b>		<b>8</b>

\*All OTA students are required to complete Level II Fieldwork A & B within 18 months following the completion of academic preparation.

#### **Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 15 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

## **PHYSICAL THERAPIST ASSISTANT** **Associate of Applied Science**

SouthArk's Physical Therapist Assistant program combines a strong general education core with theoretical and applied learning experiences required for PTA education. The PTA Program is a 1 + 1 format. Students must successfully complete 36 semester hours of prerequisite courses prior to application to the PTA Program. The technical phase of the PTA training consists of three (3) consecutive semesters of full-time, day-time studies including both classroom studies and clinical internships (30-40 hours/week). In-program technical studies begin in the summer semester and conclude the following spring semester. Enrollment in the technical component of training is limited to 24 students (admissions criteria are available in the PTA Program offices). Students successfully completing the PTA Program course of studies will be awarded an Associate of Applied Science Degree and are eligible to take the national licensure examination. SouthArk's PTA Program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE, 1111 North Fairfax St., Alexandria, VA 22314, 1-800-999-2782).

### ***PREREQUISITES COURSES\****

<b>COURSE</b>		<b>SEM.HR.</b>
BSTD 0513	Intermediate Algebra OR	
MATH 1023	College Algebra	3
BIOL 2064/L	Anatomy & Physiology I/Lab	4
BIOL 2074/L	Anatomy & Physiology II/Lab	4
CSCI 1003	Computer and Info Processing	3
PHYS 2024/L	Physical Science/Lab	4
ENGL 1113	Composition I	3
ENGL 1123	Composition II	3
PSYC 2003	General Psychology	3
BIOL 2304/L	Kinesiology/Lab	4
PTA 1002	Introduction for Physical Therapist Assistants	2
HIT 1003	Medical Terminology	<u>3</u>
<b>Total</b>		<b>36</b>

*\*Any substitutions to the stated academic prerequisites must be approved by the PTA Program Director prior to application to the program.*

### ***SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PTA 1305/L	Applied Physical Therapy I/Lab	5
PTA 1204	Pathophysiological Conditions	4
PTA 2303	Administration & Management for PTAs	<u>3</u>
<b>Semester Total</b>		<b>12</b>

### ***FALL SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PTA 1505/L	Applied Physical Therapy II/Lab	5
PTA 1406/L	Physical Therapy Procedures/Lab	6
PTA 1703	Clinical Practicum I	<u>3</u>
<b>Semester Total</b>		<b>14</b>

### ***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PTA 2203/L	Neuro & Rehab for PTAs/Lab	3
PTA 2408	Clinical Practicum III	8
PTA 2501	PTA Seminar	<u>1</u>
<b>Semester Total</b>		<b>12</b>

### **PRACTICAL NURSING Technical Certificate**

The Practical Nursing Program at South Arkansas Community College, approved by the Arkansas State Board of Nursing, is designed to prepare practical nurses to assist in providing nursing care in a variety of acute and convalescent health care environments for patients of all ages. Students seeking admission to the Nursing program must complete all pre-nursing courses as outlined below. The program offers two options: a fulltime day program; and, a part-time night program. The day program begins each January and the night program begins on an alternating January and August schedule. Students admitted to



the day program are expected to complete the program in three semesters (12 months). Students admitted to the night program are expected to complete the program in 4 semesters (18 months). Each unit or segment of the program must be successfully completed in order to proceed to the next level. Graduates of either of these programs will be qualified to give bedside nursing care including: administration of medications, performance of a variety of procedures requiring technical skills; and, the application of scientific principles, such as sterile technique. Upon successful completion of this program, the student will be awarded the Technical Certificate in Practical Nursing and will be eligible to take the National Council Licensure Examination (NCLEX) for Practical Nurses. The awarding of the certificate in practical nursing is not contingent upon the successful completion of the NCLEX examination. Successful completion of the NCLEX examination allows the individual to practice nursing as a Licensed Practical Nurse (LPN).

**Admission Process:**

The student must complete all necessary basic studies requirements as indicated by placement tests. The student may then obtain a Health and Natural Sciences packet from the Department of Nursing. To be eligible to enter the Practical Nursing Program, the applicant **MUST** meet the following standards:

1. Complete the pre-nursing program courses with a 2.0 or greater GPA on a 4.0 grading scale
2. Complete and submit the Health and Natural Sciences application packet. A background check will be required prior to admission to the program. A drug screen will be required prior to admission to the clinical setting.
3. Meet with a nursing academic advisor
4. Furnish proof of current American Red Cross CPR prior to admission to the program and maintain certification throughout the entire program.
5. Make a HOBET composite score and reading comprehension score of 51 or greater
6. Provide documentation of Hepatitis B immunization and current tuberculosis skin testing or evidence of negative chest x-ray if skin testing not allowed

All pre-nursing courses must be successfully completed by the end of the semester prior to beginning the professional program of study. Applicants will be selected based on a point system derived from a combination of prerequisite GPA and HOBET scores. Students will be allowed to take the HOBET three times, and the highest HOBET score on file at the application deadline will be the score that is accepted.

Applicants who are seeking re-admission into the Practical Nursing Program must submit a new application packet. If the HOBET score is less than 12 months old, it will be accepted; if it is older than 12 months, the HOBET must be repeated. No concurrent enrollment of prerequisites and professional program courses will be allowed.

***PREREQUISITE COURSES***

<b>COURSE</b>		<b>SEM.HR.</b>
HIT 1003	Medical Terminology	3
BIOL 2064/L	Anatomy & Physiology I/Lab	4
BIOL 2003	Nutrition & Diet	3
RNSG 2113	Math for Nurses	3
CSCI 1003	Computer & Information Processing	<u>3</u>
<b>Total</b>		<b>16</b>

**PRACTICAL NURSING:  
TRACK I – Full-Time Day**

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1101	Geriatrics	1
PN S1102	Pharmacology I	2
PN S1106	Basic Nursing Principles & Skills	6
PN S1111	Vocational, Legal, & Ethical Concepts	1
PN S1112	Body Structure and Function	2
PN S1146	Practicum IC	<u>6</u>
<b>Semester Total</b>		<b>18</b>

***SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1202	Medical Surgical Nursing IA	2
PN S1212	Pharmacology II	2
PN S1222	Nursing Mothers and Infants	2
PN S1232	Nursing of Children	2
PN S1242	Practicum IIA	<u>2</u>
<b>Semester Total</b>		<b>10</b>

***FALL SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1301	Mental Health	1
PN S1302	Pharmacology III	2
PN S1316	Medical Surgical Nursing IIC	6
PN S1346	Practicum IIIC	6
PN S1353	NCLEX Preparation/Professional Development	<u>3</u>
<b>Semester Total</b>		<b>18</b>

**Total Program Hours** ..... 62

**PRACTICAL NURSING  
TRACK II – Part-Time Evening - Spring**

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1101	Geriatrics	1
PN S1106	Basic Nursing Principles	6
PN S1111	Vocational, Legal, and Ethical Issues	1
PN S1112	Body Structure and Function	2
PN S1142	Practicum IA	<u>2</u>
<b>Semester Total</b>		<b>12</b>

***SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1102	Pharmacology I	2
PN S1222	Nursing of Mothers and Infants	2
PN S1232	Nursing of Children	2
PN S1242	Practicum IIA	<u>2</u>
<b>Semester Total</b>		<b>8</b>

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
PN S1204	Medical Surgical Nursing IB	4
PN S1212	Pharmacology II	2
PN S1301	Mental Health	1
PN S1346	Practicum IIIB	<u>6</u>
<b>Semester Total</b>		<b>13</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1302	Pharmacology III	2
PN S1314	Medical Surgical Nursing II	4
PN S1353	NCLEX Preparation/Professional Development	3
PN S1414	Practicum IV	<u>4</u>
<b>Semester Total</b>		<b>13</b>

**Total Program Hours** ..... 62

**PRACTICAL NURSING  
TRACK II – Part-Time Evening - Fall**

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1101	Geriatrics	1
PN S1106	Basic Nursing Principles	6
PN S1111	Vocational, Legal, and Ethical Issues	1
PN S1112	Body Structure and Function	2
PN S1144	Practicum IB	<u>4</u>
<b>Semester Total</b>		<b>14</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1102	Pharmacology I	2
PN S1202	Medical Surgical Nursing IA	2
PN S1222	Nursing of Mothers and Infants	2
PN S1232	Nursing of Children	2
PN S1244	Practicum IIB	<u>4</u>
<b>Semester Total</b>		<b>12</b>

**SUMMER SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1212	Pharmacology II	2
PN S1301	Mental Health	1
PN S1312	Medical Surgical Nursing IIA	2
PN S1342	Practicum IIIA	<u>2</u>
<b>Semester Total</b>		<b>7</b>

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
PNS 1302	Pharmacology III	2
PN S1324	Medical Surgical Nursing IIIA	4
PN S1353	NCLEX Preparation/Professional Development	3
PN S1414	Practicum IV	4
<b>Semester Total</b>		<b>13</b>
<b>Total Program Hours</b> .....		<b>62</b>

Students must complete all components of nursing courses with a grade of "C" (80) or higher to progress to the following semester. Each preceding semester is a prerequisite to the following semester. Courses are sequenced so that material covered is subsequent courses is based on that covered in previous courses.

**Basic Studies Requirements:**

- Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.
- Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.
- Math - ACT 16 or above (or) ASSET Numerical Skills 42 or above (or) COMPASS 49 or above (or) complete BSTD 0413 Elementary Algebra.

**LPN/LPN to RN Matrix**

<b>Pre-Nursing Courses</b>	<b>LPN</b>	<b>LPN to RN</b>	<b>Hours</b>
BIOL 2064/L Human Anatomy & Physiology I/L	Required	Required	4
BIOL 2003 Diet & Nutrition	Required	Required	3
HIT 1003 Medical Terminology	Required		3
RNSG 2113 Math for Nurses	Required	Required	3
CSCI 1003 Computers and Information Processing	Required	Required	3
BIOL 2074/L Human Anatomy & Physiology II/L		Required	4
MBIO 1124/L Microbiology/L		Required	4
ENGL 1113 Composition I		Required	3
ENGL 1123 Composition II		Required	3
MATH 0513 Intermediate Algebra or MATH 1023 College Algebra		Required	3
PSYC 2003 General Psychology		Required	3
PSYC 2223 Developmental Psychology OR Human Growth and Development		Required	3
<b>Total Hours</b>	<b>16</b>	<b>36</b>	

## PRE-NURSING CURRICULUM FOR TRANSFER TO OTHER COLLEGE RN PROGRAMS

Students who wish to earn an advanced degree in nursing may take many of their general education and related courses at South Arkansas Community College.

Students planning to transfer to other nursing programs should consult the director of the nursing department at the selected transfer college regarding admission procedures and course requirements.

The following courses may be taken at South Arkansas Community College and applied to the requirements of the schools listed.

Course	Semester Hours	School
<b>MATH 1023</b> - College Algebra	3	SAU Magnolia
<b>BSTD 0513</b> - Intermediate Algebra	3	UAM Monticello
<b>CHEM 1064</b> - Fundamentals of Chemistry	4	SAU Magnolia Baptist
<b>ENGL 1113</b> - Composition I	3	SAU Magnolia UAM Monticello Baptist
<b>ENGL 1123</b> - Composition II	3	SAU Magnolia UAM Monticello
<b>BIOL 2064/L</b> - Human Anatomy & Physiology I/Lab	4	SAU Magnolia UAM Monticello Baptist
<b>BIOL 2074/L</b> - Human Anatomy & Physiology II/Lab	4	SAU Magnolia UAM Monticello Baptist
<b>PSYC 2003</b> – General Psychology	3	SAU Magnolia Baptist
<b>PSYC 2223</b> - Developmental Psychology	3	SAU Magnolia UAM Monticello Baptist (with permission)
<b>SOC 2033</b> - Marriage & Family	3	SAU Magnolia Baptist (with permission)
<b>SOC 2013</b> - Social Problems	3	SAU Magnolia
<b>SOC 2003</b> - Introduction to Sociology	3	Baptist
<b>BIOL 2003</b> - Nutrition & Diet	3	SAU Magnolia UAM Monticello Baptist
<b>MBIO 1124/L</b> - Microbiology	4	SAU Magnolia UAM Monticello Baptist
<b>CSCI 1003</b> - Computer Information Processing	3	UAM Monticello

\*Fundamentals of Chemistry - Required if student has not had a chemistry course in the past five years.

## PRACTICAL NURSING Getting Ahead in Nursing (GAIN) LPN Program

### Technical Certificate

South Arkansas Community College was awarded a community based job training grant by the U. S. Department of Labor. This grant focuses on a ladder or bridge for health care professionals in South Arkansas. The project goals include increasing the:

- Success, completion, licensure, and employment or pursuit of advanced nursing training for CNA, LPN, and Surgical Technology students.
- Number of high school students and adults obtaining CNA certification for employment and/or pursuit of higher nursing degrees.
- Number of Surgical Technologists serving South Arkansas and/or pursuing RN and higher nursing degrees.
- Number of Surgical Technologists serving South Arkansas and/or pursuing LPN or higher nursing degrees.

To meet the requirements of this grant additional faculty have been hired and programs in addition to those currently available through South Arkansas Community College begin in each of these areas each Fall semester. These additional programs are enabling more students to SUCCESSFULLY complete a program of study that will result in an improved economic state for the family and the businesses in the local community.

#### *PREREQUISITE COURSES*

<b>COURSE</b>		<b>SEM.HR.</b>
HIT 1003	Medical Terminology	3
BIOL 2064/L	Anatomy & Physiology/Lab	4
BIOL 2003	Nutrition	3
RNSG 2113	Math for Nurses	3
CSCI 1003	Computer & Information Processing	<u>3</u>
<b>Total</b>		<b>16</b>

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
PNG 1101	Geriatrics	1
PN G1102	Pharmacology I	2
PN G1106	Basic Nursing Principles & Skills	6
PN G1111	Vocational, Legal, & Ethical Concepts	1
PNG 1112	Body Structure and Function	2
PN G1146	Practicum IC	<u>6</u>
<b>Semester Total</b>		<b>18</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
PNG 1206	Nursing of Children	2
PNG 1212	Pharmacology II	2
PNG 1222	Nursing Mothers and Infants	2
PNG 1232	Nursing of Children	2
PNG 1246	Practicum IIC	<u>6</u>
<b>Semester Total</b>		<b>18</b>

### SUMMER SEMESTER

COURSE		SEM.HR.
PNG 1301	Mental Health	1
PNG 1302	Pharmacology III	2
PNG 1312	Medical Surgical Nursing IIA	2
PNG 1342	Practicum IIIA	2
PNG 1353	NCLEX Preparation/Professional Development	3
<b>Semester Total</b>		<b>10</b>
<b>Total Program Hours</b>	.....	<b>62</b>

If you are interested in further information regarding any of these programs, contact:

Mrs. Nita Green, Director of Nursing  
South Arkansas Community College  
300 South West Avenue, El Dorado AR 71731  
Phone 870-864-7136 \* FAX 870-864-7104  
Email [ngreen@southark.edu](mailto:ngreen@southark.edu)

### RADIOLOGIC TECHNOLOGY Associate of Applied Science

The Radiologic Technology (X-ray) program consists of classroom instruction on campus and clinical instruction in area hospitals and clinics. Students in the program learn to transport and position patients for radiologic examination; to produce and process diagnostic radiographs; and to file radiographs and keep patient records.

This twenty-four month program leads to the Associate of Applied Science Degree, and graduates are eligible to take the registry examination for the American Registry of Radiologic Technologists. Employment opportunities for graduates may be found in radiography departments of hospitals, clinics, physicians' offices, and related areas. The Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Dr., Suite 2850, Chicago, IL 60606-3182. Fax: (312)704-5304, E-Mail: [mail@jrcert.org](mailto:mail@jrcert.org), Web: <http://www.jrcert.org>. Phone: (312)704-5300.

#### Admission Process

Admission to the Radiologic Technology Program is limited to 13 students per year. To apply for admission to the program, the student must complete all basic studies requirements. The student must also have completed the pre-requisites RADT 1001 and BIOL 2064/206L with a minimum of a "C", have a cumulative GPA of at least a 2.00, and have passed the HOBET exam with a minimum score of 51 in both Math and Reading composite scores. Additionally, the HOBET will be limited to 3 attempts- see program faculty for further information. The student must then request an application from the Health and Natural Science office. It is required that students complete BIOL 2064 (Human Anatomy & Physiology I) and recommended that students complete BIOL 2074 (Human Anatomy & Physiology II) prior to enrolling in the program.

***PRE-REQUISITES:***

<b>COURSE</b>		<b>SEM.HR.</b>
BIOL 2064/L	Anatomy and Physiology I/Lab	4
BSTD 0513	Intermediate Algebra or higher	3
RADT 1001	Introduction to Radiography	<u>1</u>
<b>Total</b>		<b>8</b>

***FALL SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
RADT 1102	Patient Care and Protection I	2
RADT 1214	Positioning Procedures I	4
RADT 1222	Image Processing and Procedures	2
RADT 1101	Medical Terminology for Radiographers	1
RADT 1213	Orientation/Clinical Education I	<u>3</u>
<b>Semester Total</b>		<b>12</b>

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
RADT 1304	Positioning Procedures II	4
RADT 1223	Clinical Education II	3
BIOL 2074/L	Human Anat. & Phys. II/Lab	4
RADT 2202	Radiation Physics	2
ENGL 1113	Composition I	3
RADT 1122	Patient Care and Protection II	<u>2</u>
<b>Semester Total</b>		<b>18</b>

***SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
RADT 1423	Positioning Procedures III	3
RADT 1332	Clinical Education III	2
RADT 1113	Radiographic Exposure	<u>3</u>
<b>Semester Total</b>		<b>8</b>

***FALL SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
RADT 2223	Special Procedures	3
RADT 1123	Imaging Modalities	3
RADT 2116	Advanced Clinical Education I	6
PSYC 2003	General Psychology	<u>3</u>
<b>Semester Total</b>		<b>15</b>

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
RADT 2313	Radiation Biology	3
RADT 2403	Seminar I	3
RADT 2002	Film Evaluation	2
RADT 2236	Advanced Clinical Education II	6
CSCI 1003	Computers and Information Processing	3
ENGL 1123	Composition II	<u>3</u>
<b>Semester Total</b>		<b>20</b>



## *SUMMER SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
RADT 2312	Advanced Clinical Education III	2
RADT 2303	Seminar II	3
RADT 2012	Quality Assurance	<u>2</u>
<b>Semester Total</b>		<b>7</b>

### **Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

## **ARKANSAS RURAL NURSING EDUCATION CONSORTIUM**

### **Associate of Applied Science Degree in Nursing LPN/LPTN/LVN to RN Transition Registered Nursing (LPN/LPTN/LVN to RN Transition)**

**Note: There is a special application and deadline for this program.**

This program is a 12-month program that combines classroom instruction with clinical experiences. Six LPN programs have joined together to form a consortium, the Arkansas Rural Nursing Education Consortium (ARNEC). ARNEC offers a new and innovative approach via a nontraditional delivery format of nursing theory by interactive video. The following institutions are members of the ARNEC program: Arkansas State University (ASU-N) – Newport, Black River Technical College (BRTC) – Pocahontas, Cosattot Community College of the University of Arkansas (CCCUA) – DeQueen, Ozarka College (OC) – Melbourne, South Arkansas Community College (SACC) – El Dorado, and the University of Arkansas Community College at Morrilton (UACCM).

The program will serve ten to twenty students at each of the six distance learning sites. The number of students selected is dependent upon availability of clinical facilities. Nursing lectures will be scheduled on Tuesday and Thursday evenings and every other weekend from 3:30 – 8:30. This program is designed to meet the needs of working LPNs/LPTNs/LVNs.

This program meets the requirements of the Arkansas State Board of Nursing. Graduates of the program receive an Associate of Applied Science Degree and are eligible to take the NCLEX-RN (the Registered Nurse licensing examination). As the curriculum is rigorous, faculty will admit students based on the students' ability to perform the tasks and responsibilities of a Registered Nurse and to complete the clinical and course objectives. These abilities are re-evaluated during and after each course.

**Entrance Requirements– Note: There is a special application and deadline for this program.**

Applicants must show proof of:

1. Completion of an ARNEC program application packet
2. Graduation from a State Board approved technical/practical nursing program
3. A valid, unencumbered LPN/LPTN/LVN license
4. Completion of the required general education courses from an accredited college or university with a grade of "C" or better (furnish transcripts)

5. A cumulative grade point average (GPA) of 2.5 (on a 4.0 scale) or above. GPA is composed of the overall LPN/LPTN/LVN GPA and the required general education courses
6. An official high school transcript (or GED completion transcript)
7. Official transcripts from all colleges attended
8. Proficiency in reading, writing, speaking, and understanding the English language. International students from a non-English speaking country must take the test of English as a Foreign Language (TOEFL).
9. Taking the LPN CAP (General Achievement Profile) exam
10. Drug screen
11. Criminal background check

Students will be ranked and selected based upon required general education course cumulative GPA and LPN GAP (comprehensive exam) scores. **Students must comply with the admission requirements set forth by the admitting institution in addition to the ARNEC requirements.**

### **REGISTERED NURSING General Education Curriculum**

LPNs/LPTNs are required to complete the following general education requirements prior to entering the RN program.

<b>COURSE</b>		<b>SEM.HR.</b>
BIOL 2064/L	Anatomy and Physiology I/Lab	4
BIOL 2074/L	Anatomy and Physiology II/Lab	4
MBIO 1124/L	Microbiology with lab	4
ENGL 1113	Composition I	3
ENGL 1123	Composition II	3
RNSG 2113	Math for Nurses	3
MATH 0513	Intermediate Algebra or College Algebra (MATH 1023)	3
BIOL 2003	Nutrition and Diet	3
PSYC 2003	General Psychology	3
PSYC 2223	Developmental Psychology	3
CSCI 1003	Computers and Information Processing,	<u>3</u>
<b>Total General Education Requirements .....</b>		<b>36</b>

#### **Nursing Course Requirements:**

<u><b>Spring Semester (16 weeks):</b></u>	<u><b>Sem. Hrs</b></u>	<u><b>Lecture/Wk</b></u>	<u><b>Lab/Wk</b></u>
RNSG 2119 Nursing Process I	9	9	0
RNSG 2123 Nursing Practicum I	3	0	9
<b>Total Credit Hours for Spring Semester:</b>			<b>12</b>

*Total Theory Hours: 144*

*Total Practicum Hours: 144*

<u><b>Summer Semester (8 weeks):</b></u>	<u><b>Sem. Hrs</b></u>	<u><b>Lecture/Wk</b></u>	<u><b>Lab/Wk</b></u>
RNSG 2216 Nursing Process II	6	8	0
RNSG 2223 Nursing Practicum II	3	0	9
<b>Total Credit Hours for Summer Semester:</b>			<b>9</b>

*Total Theory Hours: 96*

*Total Practicum Hours: 108*

<b><u>Fall Semester (16 weeks):</u></b>	<b><u>Sem. Hrs</u></b>	<b><u>Lecture/Wk</u></b>	<b><u>Lab/Wk</u></b>
RNSG 2318 Nursing Process II	8	8	0
RNSG 2311 NCLEX-RN Preparation	1	0	9
RNSG 2323 Nursing Practicum III	3	0	9
<b>Total Credit Hours for Fall Semester:</b>			<b>12</b>
<i>Total Theory Hours: 144</i>			
<i>Total Practicum Hours: 144</i>			

<b>Total Program Nursing Theory Hours:</b>	<b>384</b>
<b>Total Program Nursing Practicum Hours (1:3 Ratio):</b>	<b>396</b>
<b>Total General Education Requirement Hours:</b>	<b>36 Hours</b>
<b>Total Nursing Course Requirement Hours:</b>	<b>33 Hours</b>
<b>Total Completion Hours for AAS in Nursing:</b>	<b>69 Hours</b>

## **SURGICAL TECHNOLOGY PROGRAMS**

### **Technical Certificate and Associate of Applied Science in Surgical Technology**

The Surgical Technology programs at South Arkansas Community College consist of a one-year technical certificate in Surgical Technology or a two-year associate of applied science in Surgical Technology degree. The programs will prepare individuals for employment as an integral part of a surgical team. Surgical technologists work closely with surgeons, anesthesiologists, registered nurses, and other surgical staff in delivering patient care and assuming appropriate responsibilities before, during and after surgery. Both programs consist of classroom and laboratory instruction on campus and clinical instruction in clinic and hospital settings in the surrounding area.

#### **Admission Process:**

1. High School or GED Equivalency with transcript, or official college transcript if applicable
2. Completion of general admissions procedures to the college
3. Completion of all necessary basic studies requirements according to placement tests (see below)
4. Complete Health Science Application form
5. Submission of 3 reference letters
6. Successful completion with 2.0 GPA or better in the following prerequisite courses:
 

<b>BIOL 2064/L</b>	<b>Human Anatomy and Physiology I and Lab I</b>
<b>BIOL 2074/L</b>	<b>Human Anatomy and Physiology II and Lab II</b>
<b>MBIO 1124/L</b>	<b>Microbiology and Lab</b>
<b>HIT 1003</b>	<b>Medical Terminology</b>
7. HOBET composite score of 51 or greater and a score of 51 or greater in reading comprehension ( paid for by student at time of test)
8. Meet with Surgical Technology advisor
9. An unencumbered drug screen and background check will be required upon entry to the program
10. Current AHA CPR Certification – Health Care Provider **OR** Arkansas Department of Health approved equivalent course
11. P.P.D. Skin Test or Chest X-Ray
12. Cumulative GPA of 2.00 or greater

**Basic Studies Requirements:**

Reading: ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above or complete BSTD 0113 Reading Skills II

Writing: ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II

Math: ACT 16 or above (or) ASSET Numerical Skills 42 or above (or) COMPASS 49 or above (or) complete BSTD 0413 Elementary Algebra.

Enrollment is limited to 12 students per year. Student selection is based on:

1. Overall GPA
2. GPA for prerequisite courses
3. HOBET scores

## SURGICAL TECHNOLOGY Technical Certificate

### *PREREQUISITES*

<b>COURSE</b>		<b>SEM.HR.</b>
HIT 1003	Medical Terminology	3
BIOL 2064/L	Human Anatomy and Physiology I/Lab	4
BIOL 2074/L	Human Anatomy and Physiology II/Lab	4
MBIO 1124/L	Microbiology/Lab	<u>4</u>
<b>Semester Total</b>		<b>15</b>

### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
SURG 1002	Introduction to Health Sciences	2
SURG 1103	Principles of Pharmacology and Anesthesia	3
SURG 1106	Fundamentals of Surgical Technology	6
SURG 1122	Fundamentals of Surgical Technology Skills Laboratory	2
SURG 1132	Surgical Technology Practicum I	<u>2</u>
<b>Semester Total</b>		<b>15</b>

### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
SURG 1206	Preoperative Techniques and Procedures	6
SURG 1222	Preoperative Techniques and Procedures Skills Laboratory	2
SURG 1202	Surgical Procedures I	2
SURG 1216	Surgical Technology Practicum II	<u>6</u>
<b>Semester Total</b>		<b>16</b>

### *SUMMER SEMESTER*

<b>COURSE</b>		<b>SEM.HR.</b>
SURG 1302	Surgical Procedures II	2
SURG 1322	Surgical Procedures III	2
SURG 1305	Surgical Technology Practicum III	<u>5</u>
<b>Semester Total</b>		<b>9</b>

**Total Program Hours** ..... 55

**SURGICAL TECHNOLOGY**  
**Associate of Applied Science**

The following courses must be taken in addition to the prerequisite and core surgical technology courses in order to complete the requirements for the Associate of Applied Science in Surgical Technology:

ENGL 1113	Composition I	3
ENGL 1123	Composition II	3
PSYC 2003	General Psychology	3
PSYC 2223	Developmental Psychology	3
BSTD 0513	Intermediate Algebra OR MATH 1023 College Algebra	3
CSCI 1003	Computers and Information Processing	<u>3</u>
<b>Total Hours</b>		<b>18</b>
<b>TOTAL CURRICULUM HOURS</b>	.....	<b>73</b>

# Trade and Industry Programs

The Trade & Industry Division is committed to meeting the training needs of industry and students in today's rapidly changing technological society. Education and life-long training have become prerequisites for successful employment. Many who are currently employed need periodic training to upgrade their knowledge and skills. The T&I Division fill these training needs by providing an appropriate mix of academic and technical instruction, laboratory assignments, and hands-on training. The primary objective of the T&I programs is to impart the necessary knowledge and skills required for employment in industry. All programs are offered on a semester-hour basis.

Since most programs in the Division are designed to prepare the graduate for a specific career field, some students may be expected to purchase supplies or equipment to perform routine class and laboratory assignments.

## Programs

### Associate of Applied Science:

Cosmetology  
Criminal Justice Administration  
General Technology

### Technical Certificate:

Automotive Service Technology  
Computer/Network Installation & Repair  
Technology  
Cosmetology  
Industrial Equipment Maintenance  
Technology  
Process Instrumentation  
Welding Technology

### Certificate of Proficiency:

Automotive Diagnostics

Automotive Maintenance  
Basic Industrial Electricity  
Basic Cosmetology-Hair Care  
Computer Installation & Repair  
Technology  
GMAW Welding Technology  
GTAW Welding Technology  
Immediate Cosmetology-  
Nail & Skin Care  
Industrial Controls Technology  
Network Installation & Repair  
Technology  
SMAW Welding Technology  
Solid State/Analog Technology  
Truck Driving  
Weld Inspection  
Welding Layout & Pipefitting

## AUTOMOTIVE SERVICE TECHNOLOGY

### Technical Certificate

The Technical Certificate program is designed to prepare students for entry-level positions in automotive servicing, maintenance, and diagnostics. The National Automotive Technicians Education Foundation (NATEF), a nationally recognized automotive education organization, certifies the automotive program. The automotive program instructors are certified by the National Institute for Automotive Service Excellence (ASE). Graduates may find entry-level positions in automobile dealerships, independent service centers, specialty shops, and related automotive facilities.

### FALL SEMESTER

COURSE		SEM.HR.
AST 1504	Engine Repair	4
AST 1304	Steering and Suspension	4

AST 1404	Automotive Electronics I	4
AST 1604	Engine Performance I	<u>4</u>
<b>Semester Total</b>		<b>16</b>

***SPRING SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
AST 1204	Brake Systems	4
AST 1614	Engine Performance II	4
AST 1704	Heating & Air Conditioning	4
AST 2404	Automotive Electronics II	4
TECH 1003	Technical Math	<u>3</u>
<b>Semester Total</b>		<b>19</b>

***SUMMER SEMESTER***

<b>COURSE</b>		<b>SEM.HR.</b>
AST 2604	Advanced Engine Performance	<u>4</u>
<b>Semester Total</b>		<b>4</b>

**Program Total** ..... **39**

**Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 15 or above (or) ASSET Numerical Skills 39 or above (or) COMPASS 36 or above (or) complete BSTD 0314 Fundamentals of Math.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

**AUTOMOTIVE MAINTENANCE**  
**Certificate of Proficiency**

Students in Automotive Maintenance learn basic automotive knowledge and skills. They earn a Certificate of Proficiency by completing 16 hours of automotive core classes. The National Automotive Technicians Education Foundation (NATEF), a nationally recognized automotive education organization, certifies the automotive program. The automotive program instructors are certified by the National Institute for Automotive Service Excellence (ASE). Graduates will possess the minimum skills required to enter the workforce as entry-level automotive service technicians. Specific course requirements for the Certificate of Proficiency in Maintenance Diagnostics are the following:

<b>COURSE</b>		<b>SEM.HR.</b>
AST 1504	Engine Repair	4
AST 1204	Brake Systems	4
AST 1404	Automotive Electronics I	4
AST 2404	Automotive Electronics II	<u>4</u>
<b>Semester Hours Total</b>		<b>16</b>
<b>Program Total</b> .....		<b>16</b>

## AUTOMOTIVE DIAGNOSTICS Certificate of Proficiency

Students in Automotive Diagnostics learn basic automotive knowledge and skills. They earn the Certificate of Proficiency by completing 16 credit hours of automotive core courses. The National Automotive Technicians Education Foundation (NATEF), a nationally recognized automotive education organization, certifies the automotive program. The automotive program instructors are certified by the National Institute for Automotive Service Excellence (ASE). Graduates will possess at least the minimum skills required to enter the workforce as entry-level automotive service technicians. Specific course requirements for the Certificate of Proficiency in Automotive Diagnostics are the following:

<b>COURSE</b>		<b>SEM.HR.</b>
AST 1304	Steering and Suspension	4
AST 1704	Heating & Air Conditioning	4
AST 1604	Engine Performance I	4
AST 1614	Engine Performance II	<u>4</u>
<b>Semester Total</b>		<b>16</b>
<b>Program Total.....</b>		<b>16</b>

## COMPUTER ENGINEERING TECHNOLOGY COMPUTER/NETWORK INSTALLATION AND REPAIR TECHNOLOGY Technical Certificate

This course employs a study of the basic theory and design of computer and network hardware, basic diagnostic skills for optimum computer and network operation, and basic repair and maintenance skills for computer hardware and network systems. Additionally, the student will acquire leadership and management skills for performing these activities within general business and/or industry structures, in addition to individual contracting and business activities. The student will demonstrate skills mastery through several academic structures- Certificates of Proficiency, a Technical Certificate and/or an AAS degree in General Technology-Computer/Network Installation & Repair Technology. Additionally, the student will have the opportunity to secure the specific skills necessary to demonstrate technical and professional competency for National certification, through CompTia A+ and Leviton Cabling exams and will be enabled to enter the Computer/Network Installation and Repair job market as an entry-level technical professional.

### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM. HR.</b>
CSCI 1003	Computers & Information Systems or equivalent	3
CSCI 1213	IT Essentials IA	<u>3</u>
<b>Semester Total</b>		<b>6</b>

### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM. HR.</b>
CSCI 1313	IT Essentials IB	3
CSCI 1263	Windows XP Professional/Network Administration	3



TECH 1003	Technical Math or	3
BSTD 0513	Intermediate Algebra or higher level math	
<b>Semester Total</b>		<b>9</b>

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
CSCI 2405	Introduction to Networking	5
CSCI 1102	Leviton Cabling Certification	2
<b>Semester Total</b>		<b>7</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
CSCI 2425	LAN Installation & Repair	5
CSCI 2352	Special Topics in Information Technology	2
<b>Semester Total</b>		<b>7</b>

**Program Total.....29**

Entry-level computer and network repair technicians are in heavy demand. Students may obtain the basic theory and skills to enter this career market through obtaining Certificates of Proficiency in one or two areas of Computer Engineering Technology. The student has the opportunity of obtained a Certificate of Proficiency in Computer Installation & Repair and/or Network Installation and Repair. This generic training equips the student to work in industry, business, governmental, and non-profit computer support operations.

**COMPUTER INSTALLATION & REPAIR**  
**Certificate of Proficiency**

**FALL SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
CSCI 1003	Computers & Information Systems or equivalent	3
CSCI 1213	IT Essentials IA	3
<b>Semester Total</b>		<b>6</b>

**SPRING SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
CSCI 1313	IT Essentials IB	3
CSCI 1263	Windows XP Professional/Network Administration	3
<b>Semester Total</b>		<b>6</b>

**Program Total..... 12**

Entry-level computer and network repair technicians are in heavy demand. Students may obtain the basic theory and skills to enter this career market through obtaining Certificates of Proficiency in one or two areas of Computer Engineering Technology. The student has the opportunity of obtained a Certificate of Proficiency in Computer Installation & Repair and/or Network Installation and Repair. This generic training equips the student to work in industry, business, governmental, and non-profit computer support operations.

## NETWORK INSTALLATION & REPAIR

### Certificate of Proficiency

#### *FALL SEMESTER*

COURSE		SEM. HR.
CSCI 2405	Introduction to Networking	5
CSCI 1102	Leviton Cabling Certification	<u>2</u>
<b>Semester Total</b>		<b>7</b>

#### *SPRING SEMESTER*

COURSE		SEM. HR.
CSCI 2425	LAN Installation & Repair	5
CSCI 2352	Special Topics in Information Technology	<u>2</u>
<b>Semester Total</b>		<b>7</b>

**Program Total** .....14

## COSMETOLOGY

During training, students will receive instruction in the following state mandated areas: hygiene and sanitation, related science, hairdressing, manicuring, cosmetic therapy, salesmanship and shop management, and salon department. This course is intended to prepare students to receive Certificates of Proficiency and Technical Certificates, to pass the Arkansas State Board of Cosmetology licensing examination and to enter workplace with the skills needed to succeed as a professional.

#### *FIRST SEMESTER*

COURSE		SEM. HR.
COS 1002	Introduction to Cosmetology	2
COS 1102	Introduction to Chemical Services 1	2
COS 1004	Introduction to Haircutting/Hairstyling 1	4
COS 1202	Introduction to Specialty Services 1	2
COS 1104	Practicum 1	4
	Academic Core	<u>3</u>
<b>Semester Total</b>		<b>17</b>

**Certificate of Proficiency - Basic Cosmetology-Hair Care (BC)**

#### *SECOND SEMESTER*

COURSE		SEM. HR.
COS 1302	School to Work Transition	2
COS 1203	Haircutting/Hairstyling 2	3
COS 1402	Chemical Services 2	2
COS 1502	Specialty Services 2	2
COS 1204	Practicum 2	4
	Academic Core	<u>3</u>
<b>Semester Total</b>		<b>16</b>

**Certificate of Proficiency - Intermediate Cosmetology-Nail & Skin Care (IC)**

To obtain a **Technical Certificate** complete **Semester One and Two** and:

TECH 1003	Technical Math or higher level math
ENGL 1113	Composition I

### **THIRD SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
COS 2004	Practicum 3	4
COS 2006	Practicum 4	6
COS 2003	Practicum 5	3
ENGL 113	Composition I	3
CSCI 1003	Computer & Information Procession	<u>3</u>
<b>Semester Total</b>		<b>19</b>

### **FOURTH SEMESTER**

<b>COURSE</b>		<b>SEM. HR.</b>
COS 2106	Practicum 6	6
COS 2103	Practicum 7	3
ENGL 1123	Composition II OR	3
ENGL 2043	Technical Writing	
PSYC 2003	General Psychology OR other Social Science	<u>3</u>
<b>Semester Total</b>		<b>15</b>

### **Associate of Applied Science in General Technology COT option**

**Total Program Semester Hours**..... 64

#### **Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

## **CRIMINAL JUSTICE ADMINISTRATION**

### **Associate of Applied Science**

This program leads to the Associate of Applied Science Degree and is intended for students seeking a career in law enforcement or for professional law enforcement officers wishing to upgrade career skills.

### **FIRST SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
ENGL 1113	Composition I	3
PSCI 2003	American Government: National	3
CJ 1103	Introduction to Criminal Justice*	3
CSCI 1003	Computers and Information Processing	3
PSYC 2003	General Psychology	<u>3</u>
<b>Semester Total</b>		<b>15</b>

## **SECOND SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
ENGL 1123	Composition II	3
PSCI 2013	American Government: State & Local	3
C J 2303	Rules of Criminal Evidence & Procedures	3
	Social Science Elective	3
SPCH 1113	Principles of Speech	<u>3</u>
<b>Semester Total</b>		<b>15</b>

## **THIRD SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
HIST 2013	History of U.S. to 1876	3
C J 2403	Criminal Investigation Techniques	3
PSYC 2223	Developmental Psychology	3
C J 2503	Arkansas Criminal Law	3
BSTD 0513	Intermediate Algebra	<u>3</u>
<b>Semester Total</b>		<b>15</b>

## **FOURTH SEMESTER**

<b>COURSE</b>		<b>SEM.HR.</b>
HIST 2023	History of U.S. since 1876	3
C J 2103	Police Administration	3
SOC 2033	Marriage and the Family	3
PSYC 2203	Abnormal Psychology	3
C J 2603	Arkansas Juvenile Law and Procedures	<u>3</u>
<b>Semester Total</b>		<b>15</b>

**Program Total.....60**

\*Six hours equivalent credit will be given for persons holding a certificate of completion from the Arkansas Law Enforcement Training Academy, and Introduction to Criminal Justice (C J 1103) will not be a required course.

### **Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

## **GENERAL TECHNOLOGY**

### **Associate of Applied Science**

The Associates of Applied Science degree in General Technology enables a student working with an advisor to design an individualized program of study to fulfill a unique or multi-skill career goal that cannot be met through the completion of any single technology

program offered by the College. This is accomplished by selecting courses in one Technical Major of a minimum of 24 semester credits; a 15-semester credit General Academic Core; and a minimum of 15 semester credits (a minimum of 12 SCH in a specific skills area) of Technical/Support courses to complete a total of 60+ college credit hours. Half of those credits can be earned by documenting in a portfolio what you have learned by experience. College, post-secondary technical school, and military - ACE approved credits earned previously, may also count toward the General Technology program. In order to be considered for admission to this program, the student must complete a proposed program of study with their technical advisor.

**General Education – Total of fifteen (15) hours**

**Mathematics – Three (3) hours from the following:**

BSTD 0513	Intermediate Algebra or
MATH 1023	College Algebra or
TECH 1003	Technical Math

**English/Communication –Six (6) hours from the following:**

ENGL 1113	Composition I and
ENGL 1123	Composition II or
ENGL 2043	Technical Writing

**Computer Fundamentals – Three (3) hours from the following:**

CSCI 1003	Computers and Information Processing or
CSCI 1013	Windows XP Professional/Network Administration

**Social Science– Three (3) hours from the following:**

HIST 1003	History of Civilization to 1700
HIST 1013	History of Civilization since 1700
HIST 2013	History of U.S. to 1876
HIST 2023	History of U.S. since 1876
PSCI 2003	American Government: National
PSCI 2013	American Government: State & Local
PSYC 2003	General Psychology
SOC 2003	Introduction to Sociology
GEOG 2003	Introduction to Geography
ECON 2003	Macroeconomics

**Technical Major:**

**Twenty-four – Thirty (24 - 30) semester credit hours in a major technical discipline.**

Approved courses for one major area must be the focus of the program. These courses are to be selected from a technical certificate or associate degree program offered by an accredited college.

**Technical Minor/Support Courses:**

**Fifteen – Twenty-one (15 – 21) semester credit hours from a second technical specialty area.** Of which twelve (12) semester credit hours will be from a second technical specialty area listed below:

Automotive Service Technology	Business Technology
Computer Science	Cosmetology
Industrial Equipment Maintenance	Welding Technology
Computer & Network Installation & Repair Technology	

Note: Students must meet the basic studies requirements for the major/minor fields of study.

## INDUSTRIAL EQUIPMENT MAINTENANCE TECHNOLOGY

### Technical Certificate

The Industrial Equipment Maintenance program was designed by the advisory committee to meet industry requirements. Successful completion will equip students with the technical skills necessary to maintain, repair, troubleshoot, and manage modern maintenance programs in industrial plants, warehouses, hospitals, schools, and government buildings. Specific topics of coverage will include fluid power and controls, gear and belt-drive systems, electric motors and control systems, programmable logic controls and process control. Classes are designed in lecture and lecture/lab format to give the student a solid foundation in general maintenance skills. Coursework completed is applicable to the Associate of Applied Science Degree in General Technology.

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM. HR.</b>
IDEQ 1003	Fundamentals of Industrial Maintenance	3
TECH 1203	Industrial Safety	3
IDEQ 1403	Fundamentals of Electricity	<u>3</u>
<b>Semester Total</b>		<b>9</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM. HR.</b>
IDEQ 1413	Electrical Circuits	3
IDEQ 1103	Blueprint Reading for Industrial Trades	3
IDEQ 1603	Fluid Power Systems (Hydraulics/Pneumatics)	3
TECH 1003	Technical Math	<u>3</u>
<b>Semester Total</b>		<b>12</b>

#### *FALL SEMESTER*

<b>COURSE</b>		<b>SEM. HR.</b>
IDEQ 2013	Coupling and Alignment	3
IDEQ 2503	Precision Measuring Tools	3
IDEQ 1903	Industrial Motors and Controls	<u>3</u>
<b>Semester Total</b>		<b>9</b>

#### *SPRING SEMESTER*

<b>COURSE</b>		<b>SEM. HR.</b>
IDEQ 2004	Industrial Mechanics	4
IDEQ 1613	Advance Fluid Power (Hydraulics/Pneumatics)	<u>3</u>
<b>Semester Total</b>		<b>7</b>

**Program Total**.....37

#### **Basic Studies Requirements:**

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

### **BASIC INDUSTRIAL ELECTRICITY** **Certificate of Proficiency**

This Certificate of Proficiency prepares students for entry-level positions in local industry. Students will receive training in fundamentals of electricity, electrical circuits, and industrial motors and controls. Graduates of this program may find employment in entry-level maintenance positions at various local industries.

<b>COURSE</b>		<b>SEM.HR.</b>
IDEQ 1403	Fundamentals of Electricity	3
IDEQ 1903	Industrial Motors and Controls	3
IDEQ 1413	Electrical Circuits	<u>3</u>
<b>Semester Total</b>		<b>9</b>

### **INDUSTRIAL CONTROLS TECHNOLOGY** **Certificate of Proficiency**

This Certificate of Proficiency prepares students to use and maintain program logic controls (PLC) and various motors and controls used in industry. Graduates may find employment as entry-level technicians in related maintenance areas.

<b>COURSE</b>		<b>SEM.HR.</b>
IDEQ 1403	Fundamentals of Electricity	3
IDEL 1804	Intro to PLC	4
IDEQ 1903	Motors and Controls	<u>3</u>
<b>Semester Total</b>		<b>10</b>

### **SOLID STATE/ANALOG TECHNOLOGY** **Certificate of Proficiency**

This Certificate of Proficiency prepares students to use and maintain of the various solid state/analog circuits used in industry. Students will receive a sound knowledge on industrial safety practices. Graduates may find employment as entry-level technicians in related maintenance areas.

<b>COURSE</b>		<b>SEM.HR.</b>
IDEQ 1403	Fundamentals of Electricity	3
IDEL 1304	Solid State/Analog Circuits	<u>4</u>
<b>Semester Total</b>		<b>7</b>

## INDUSTRIAL PROCESS TECHNOLOGY

### Technical Certificate

The Technical Certificate in Industrial Process Technology prepares students to use and maintain common electrical and electronic devices. Graduates may find employment as entry-level industrial technicians in related maintenance areas.

#### FALL SEMESTER

COURSE		SEM.HR.
IDEQ 1403	Fundamentals of Electricity	3
IDEQ 1603	Fluid Power System (Hydraulics/Pneumatics)	3
CSCI 1013	Windows XP Professional/ Network Administration	3
IDEL 1504	Basic Digital Technology	4
<b>Semester Total</b>		<b>13</b>

#### SPRING SEMESTER

COURSE		SEM.HR.
IDEL 1804	Intro to Programmable Logic Controllers	4
IDEQ 1903	Industrial Motors and Controls	3
IDEL 1304	Solid State/Analog Circuits	4
TECH 1203	Industrial Safety	3
<b>Semester Total</b>		<b>14</b>

**Program Total .....27**

#### Basic Studies Requirements

Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.

Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.

Math - ACT 19 or above (or) ASSET Intermediate Algebra Skills 43 or above (or) COMPASS 71 or above (or) complete BSTD 0513 Intermediate Algebra.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

### TRUCK DRIVING Certificate of Proficiency

American business moves by truck, and the demand for reliable drivers is always high. Area and national trucking firms visit or call the campus regularly to recruit graduates of SouthArk's six-week Truck Driving Program.

The Truck Driving Training curriculum prepares students to drive tractor-trailer rigs. This program teaches proper driving procedures, safe driver responsibility, commercial motor vehicle laws and regulations, and the basic principles and practices for operating commercial vehicles.

The course work covers motor vehicle laws and regulations, map reading, basic vehicle maintenance, safety procedures, daily logs, over-the-road driving skills, defensive driving,



freight handling, security and fire protection, cargo loading and securing, serpentine backing, straight-line backing, coupling and uncoupling, shifting gears of vehicle, and turning. Highway driving training exercises and classroom lectures are used to develop the student's knowledge and skills.

Graduates of the curriculum are qualified to take the Commercial Driver's License (CDL) exam and are employable by commercial trucking firms. They may also become owner-operators and work as private contract haulers.

The truck driver training course qualifies for Veterans educational benefits and some job training programs. Students should contact local agencies to determine their eligibility. Truck Driver Training does not qualify for federal financial aid or PELL grants. Additional information is available from the Financial Aid Office.

Admission to the program is based on a first-come, first-served basis after applicants complete the following:

1. Submit proof of being at least 21 years old
2. Submit satisfactory physical examination results
3. Provide satisfactory drug screen results
4. Provide proof of a safe driving record for the past three years
5. Submit an application to South Arkansas Community College
6. Provide immunization records if born after 1/10/57
7. Sign a Travel Release form

The following courses are required to complete the certificate of proficiency in Truck Driving:

<b>COURSE</b>		<b>SEM.HR.</b>
TRD 1007	Truck Driving	7

## **WELDING TECHNOLOGY**

### **Technical Certificate**

This technical certificate program prepares students for entry-level placement in the welding industry. Instruction includes metal cutting, arc welding, semi-automatic (MIG) welding, and tungsten inert gas (TIG) welding. The welding program curriculum follows American Welding Society (AWS) education standards for the qualification and certification of entry-level welders. Students receive instruction in practical applications of welding techniques as well as the operation and maintenance of related tools in the industry. Graduates may find employment in manufacturing, maintenance, independent welding shops, and construction companies.

#### **FALL SEMESTER**

<b>COURSE</b>	<b>SEM. HR.</b>
WLD 1214 GMAW I (MIG) Welding	4
WLD 2214 GMAW II (MIG) Welding	4
WLD 1224 GTAW I (TIG) Welding	4
WLD 2224 GTAW II (TIG) Welding	4
<b>Semester Total</b>	<b>16</b>

## *SPRING SEMESTER*

<b>COURSE</b>	<b>SEM. HR.</b>
WLD 1114 SMAW I Welding	4
WLD 2114 SMAW II Welding	4
WLD 1244 Layout & Pipefitting I	4
WLD 2244 Layout & Pipefitting II	4
TECH 1003 Technical Math	<u>3</u>
<b>Semester Total</b>	<b>19</b>

**Program Total** ..... **35**

**Approved electives:**

WLD 1513	Cutting Principles & Practices
WLD 1404	Welding Evaluation & Testing
WLD 1613	Welding Metallurgy (pending approval)

**Basic Studies Requirements:**

- Reading - ACT 19 or above (or) ASSET 41 or above (or) COMPASS 80 or above (or) complete BSTD 0113 Reading Skills II.
- Writing - ACT 19 or above (or) ASSET 42 or above (or) COMPASS 75 or above (or) complete BSTD 0213 Fundamentals of Writing II.
- Math - ACT 15 or above (or) ASSET Numerical Skills 39 or above (or) COMPASS 36 or above (or) complete BSTD 0314 Fundamentals of Math.

Those students whose basic studies scores are below minimum levels must enroll in basic studies courses and may concurrently enroll in program courses with the instructor's permission. Minimum levels of basic skills must be attained prior to completion of the program.

### **SMAW WELDING TECHNOLOGY** **Certificate of Proficiency**

This Certificate of Proficiency gives students instruction in basic welding skills in oxyacetylene and shielded metal arc welding along with a sound knowledge and understanding of industrial safety practices. The curriculum is based upon the certification criteria of the American Welding Society (AWS). Students may receive employment as entry-level welders at various manufacturing plants and job shops.

<b>COURSE</b>	<b>SEM.HR.</b>
WLD 1114 SMAW I Welding	4
WLD 2114 SMAW II Welding	<u>4</u>
<b>Semester Total</b>	<b>8</b>

### **GMAW (MIG) WELDING** **Certificate of Proficiency**

This Certificate of Proficiency gives students a basic understanding of the various welding techniques in the welding industry. This certificate requires the completion of 8 semester hours of course work. Graduates may find entry-level employment in manufacturing, maintenance, independent welding shops, and construction companies.

<b>COURSE</b>	<b>SEM.HR.</b>
WLD 1224 GMAW I (MIG) Welding	4

WLD 2214  
**Semester Total**

GMAW II (MIG) Welding

4  
**8**

## **GTAW (TIG) WELDING**

### **Certificate of Proficiency**

This certificate is designed to help students gain an entry-level position as a “TIG welder.” These courses will help the student understand how to weld both steel plate and pipe with the GMAW process. This certificate will also give a student a beginning knowledge of welding Aluminum and Stainless with the GTAW process. A student who receives this degree will also have completed at least two AWS certification weld tests. The student will also learn the basics of the Plasma cutting torch

<b>COURSE</b>		<b>SEM. HR.</b>
WLD 1224	GTAW (TIG) Welding	4
WLD 2224	GTAW (TIG) Welding	<u>4</u>
<b>Semester Total</b>		<b>8</b>

## **WELDING LAYOUT AND PIPEFITTING**

### **Certificate of Proficiency**

This certificate is designed to help the student gain an entry-level position as a pipe fitter/layout person in the welding industry. Upon completion the student should have a vast knowledge of how to layout structure and pipe angles and different fits. The student should also have the ability to cut out these fits with any major cutting procedure.

<b>COURSE</b>		<b>SEM. HR.</b>
WLD 1244	Layout and Pipefitting I	4
WLD 2244	Layout and Pipefitting II	<u>4</u>
<b>Semester Total</b>		<b>8</b>

## **WELD INSPECTION**

### **Certificate of Proficiency**

This certificate is designed to help a student further understand the ways their weld will be tested and what they should look for to help them pass a certification test. This certificate will introduce the student to both destructive and non-destructive weld examination including the guided bend, ultrasonic, die penetrate, magnetic particle, and radiographic inspection methods by hands on application. This certificate should also help the student comprehend the properties of metal and what they mean to a welder.

<b>COURSE</b>		<b>SEM. HR.</b>
WLD 1404	Welding Evaluation and Testing	4
WLD 1613	Welding Metallurgy	<u>3</u>
<b>Program Total.....</b>		<b>7</b>

# Adult Education, and Corporate & Community Education

## CORPORATE & COMMUNITY EDUCATION

### Purpose

In addition to the traditional academic and occupational education available at South Arkansas Community College, SouthArk offers a variety of classes which earn no college credit but provide job skills and personal enrichment. The non-credit courses, seminars, and workshops are designed to be informative and enjoyable. Courses are offered throughout the week at various times and locations. Courses vary in length from a one-time meeting to a full semester.

The College offers a wide variety of courses, which can be taken for pleasure or to develop new job skills. The courses are informative and relaxed. The instructors are chosen for their special expertise and come from area businesses and industries, the professional community, local government, and the College's faculty.

Special programs on current affairs and cultural activities are a part of the Community Education scope. A program for children, Camp Lotsafun is offered in the summer. Corporate and Community Education endeavors to be a vital part of community life, cooperating with and actively participating in the activities of the Chamber of Commerce and area service clubs and organizations.

### Examples of courses that have been offered include:

ACCESS	HAZWOPER	PowerPoint
Forklift	Industrial Safety	Supervisory Skills
CPR	Leadership	Workplace Spanish
EXCEL	Microsoft Word	Diversity
5S	Lean Mfg.	Defensive Driving
Art	Camp Lotsafun	Estate Planning
Boater Education	Contractor Safety Training	Flower Arranging
Cake Decorating	Conversational Spanish	Hunter Education
Calligraphy	Country Western Dancing	MS Project

### New Courses

Courses are organized on demand. Anyone interested in offerings not scheduled or anyone wanting to be added to the class schedule mailing list may contact the Corporate and Community Education office, (870) 864-7192 or email [ce@southark.edu](mailto:ce@southark.edu).

### Instructors

Community Service (CS) and Continuing Education (CE) instructors, selected for their skills and expertise in a variety of fields, are drawn from business, the professions, government, the College faculty, and the community. Anyone interested in teaching may call (870) 864-7192 or email [ce@southark.edu](mailto:ce@southark.edu).

## **Registration**

High school graduation or previous college attendance is **NOT** required to take a non-credit course. For information regarding a course, students may visit the Center for Workforce Development on East Campus or call 864-7192. Students are officially registered in a course when they complete registration cards and pay fees at the Bookstore on West Campus. The College reserves the right to cancel classes due to insufficient enrollment.

## **Fees**

Course fees vary with the length of classes and course content. Fees usually include supplies or textbooks unless otherwise noted.

## **Refunds**

A full refund of fees paid will be made when classes are canceled. Full refunds will also be made to students who cancel three days before the first class meeting. Refunds may be obtained by making a written request to the Community Service office.

## **Schedules**

Schedules of the Corporate and Community Education courses are prepared quarterly and mailed to interested persons or are available at the Center for Workforce Development. The quarterly schedule may also be printed from the Business and Community class page of SouthArk's website at [www.southark.edu](http://www.southark.edu). The college announces many classes in the local newspaper.

# **ADULT EDUCATION**

## **Adult Basic Education**

The Adult Education Program provides adults with the opportunity to improve their basic reading, writing, and math skills. Students may work on basic skills to improve their ACT scores, to take the Official GED Test, to improve their employability skills, to advance their workplace skills, or to gain personal satisfaction. The Adult Education Program follows established laws, rules, and regulations. The program is an open-entry, open-exit program. All incoming students are evaluated and placed in classes to upgrade deficiencies. Instruction is diagnostic, prescriptive, self-paced, and individualized. Students have access to computers and modern curriculum. Small group and individual instruction are available during the day and evening hours at no cost to participants. Classes are provided on campus and at satellite locations.

## **Programs provided through Adult Education**

### **Academic Assessment**

The Test of Adult Basic Education (TABE) is administered to assess academic needs for placement, instruction, WIA, and other programs. The Arkansas High School Diploma (GED) can be earned by passing a series of general knowledge exams. The tests cover the following subjects: writing skills, social studies, science, literature and the arts, and mathematics. The GED Test may be taken at South Arkansas Community College. Students must take a pre-test and present those results with an application to test before taking the state GED Test.

### **English as a Second Language - ESL**

This class is designed for students who have little or no background in the English Language as well as students who have limited use of the English Language. Alphabet sounds, simple commonly used verbs, and basic understanding of grammar and basic

functional language are emphasized for the beginning students. Intermediate and advanced students learn to speak in various situations and become more comfortable in speaking in different social gatherings. Intermediate and advanced classes focus on clarity of pronunciation, speed-reading, vocabulary building, written essays, and formal speech presentations.

### **Workplace Education**

The Workplace Education Program offers basic academic skills to local businesses. Classes may be taught in local businesses and industries. These classes can be GED or refresher courses, or they can be tailored to the needs of the employer. The Arkansas Workforce Alliance for Growth in the Economy (WAGE) Program is designed to address the need to improve the workplace basic skills of the unemployed and under-employed labor pool. The WAGE Program is an industry, education, and community collaborative for workforce development. The program incorporates an alliance among local employer advisory council, adult education services, employment and training agencies, industrial development foundations, and county/city governments to identify and provide training in those literacy skills essential to most entry-level jobs in the community.

**WAGE** is a State (Arkansas) Certified program intended for unemployed and the under-employed people in Arkansas. To earn a state WAGE Industrial Certificate, students have to meet several requirements. Students must score 12.9 in each area (Reading, Mathematics, and Language) on the Test of Adult Basic Education (TABE). There is also a state WAGE Test, the WAGE approved Spatial and Mechanical Aptitude Test, Dexterity Test (SAM), state WAGE Computer Literacy Test. Students must have an up-to-date resume in their WAGE file and a current application on file with the Employment Security Department.

### **Computer Literacy**

The Computer Literacy course is a 12-20 hour course in basic computer literacy. It teaches computer skills and provides hands-on activities for basic users.

### **Employability**

Employability and/or soft skills are taught in the basic skills classes. Focus is on the students' developing employability skills to help them obtain and keep jobs.

## **CENTER FOR WORKFORCE DEVELOPMENT**

The Center for Workforce Development serves as a link between the college and area businesses, industries, and government agencies. Customized training is developed in response to a specific demand by local business and industry. The Center can deliver training whenever and wherever it best meets the client's needs.

### **Services:**

- Pre-employment training
- Curriculum Development for specific training needs
- Assistance with grants
- Human Performance Improvement Consulting

### **Classes:**

The Center's objectives are to help businesses maintain a quality local workforce that is competitive in today's global economy and to enhance local workers' skills

to attract new industry and retain industries already here. Delivering training essential to the growth and vitality of local enterprises, the Center actively participates in the training and retraining of the workforce.

Those interested in the services of the Workforce Development Center should contact the Director of Corporate and Community Education at 870-864-7193 or visit the center located on the East Campus of South Arkansas Community College.

### **Student Job Placement**

South Arkansas Community College maintains an online job placement site for students, graduates, and employers at [www.southworks.org](http://www.southworks.org). For assistance with the site, call 864-7192.

### **CAREER PATHWAYS INITIATIVE (CPI)**

Are you looking for a career instead of a job? South Arkansas Community College (SACC) offers a wide variety of career programs, some of which can be completed in less than a year. You can start preparing for a higher paying career **today**. The Career Pathways Initiative is a new resource that enables SACC to offer those who qualify free career training and college classes. In addition, the Pathways Initiative may be able to help students overcome the barriers that have kept them from getting the education and training needed. Assistance with child care, transportation, tuition, books and fees may be available to those students who qualify. Basic eligibility requirements include:

- You must be a resident of Arkansas **AND**
- You must be a parent, with children under age 21 living in your home, **AND**
- You must be receiving Transitional Employment Assistance (TEA) now, or have received TEA in the past, **OR**
- You must be receiving food stamps, Medicaid, or ARKids, **OR**
- You must have annual family income below 250% of federal poverty level (about \$51,600 annually for a family of four)

Assistance with child care and transportation expenses is contingent upon the student meeting a minimal work requirement. CPI staff will also assist students in applying for other sources of supportive services as needed.

Key features of CPI include individual assessments, career and academic counseling, personal counseling, college survival skills information, academic monitoring and support (tutoring, labs), and job placement assistance. The focus is on helping adults attain degrees, certificates and credentials that lead to demand occupations, increased wage gain, and lifelong learning. Some examples of occupations or industries available are:

- Truck Driving
- Welding
- Industrial Equipment Technician
- CNA/LPN/RN
- Phlebotomist
- Automotive Service Technology
- Early Childhood Education

The Career Pathways Initiative is an important component of Arkansas' overall education, workforce development and economic development strategies. By helping to prepare students to enter high demand occupations, everyone wins. The student is better able to support his/her family, local employers have a readily available skilled workforce and the economy grows.

Interested in signing up, but don't know where to begin? CPI staff is available to help you make application, choose classes and get started on your pathway to a brighter future. For more information on CPI or to make application, please contact Kathy Reaves at 864-8457 ([kreaves@southark.edu](mailto:kreaves@southark.edu)), Bernadette O'Guinn at 864-8458 ([boguinn@southark.edu](mailto:boguinn@southark.edu)) or Tammi McKinnon at 864-8459 ([tmckinnon@southark.edu](mailto:tmckinnon@southark.edu)).



# Course Descriptions

## ACCOUNTING

### ACCT 2003 PRINCIPLES OF ACCOUNTING I

Basic principles of financial accounting theory with emphasis on sole proprietorships.

### ACCT 2103 PRINCIPLES OF ACCOUNTING II

Prerequisite: Accounting 2003. Basic principles of financial accounting theory for partnerships and corporations, managerial cost accounting, and financial statement analysis.

### ACCT 2113 COMPUTERIZED ACCOUNTING SYSTEMS

Prerequisite: One course in Accounting. Course designed to provide a realistic approach to computerized integrated accounting procedures. Consists of six major accounting systems commonly found in computerized accounting environments.

## ADMINISTRATIVE ASSISTANT TECHNOLOGY (ADMS)

### ADMS 1001 INTRODUCTION TO KEYBOARDING

This course teaches the touch system of typewriting with emphasis on proper technique and a thorough mastery of the keyboard. The course is offered as a 5-week course 3 times each semester.

### ADMS 1003 INTRODUCTORY ACCOUNTING

The study of bookkeeping cycles of keeping journals, posting to ledger accounts, taking trial balances, preparing balance sheets and working papers, and preparing closing and adjusting entries. Covers commonly used journals, ledgers, and payroll registers as well as the basic tax forms required for small business firms. Recommended for students who have not completed high school bookkeeping before taking Accounting 2003.

### ADMS 1013 FUNDAMENTALS OF KEYBOARDING

Introduction to the touch system of keyboarding with emphasis on the proper technique and a thorough mastery of the keyboard.

### ADMS 1023 INTERMEDIATE KEYBOARDING

Prerequisite: Key 40 WPM. Continuation of ADMS 1013, with further study of the form and arrangement of the business letter, business forms and reports; frequency drills and practice designed to develop accuracy and speed.

### ADMS 2063 BUSINESS COMMUNICATIONS

Prerequisites: ENGL 1113 and ADMS 1013. The composition and evaluation of psychologically sound business letters in correct and forceful English. Emphasis is placed on solving business problems encountered in writing effective business letters.

### ADMS 2083 ADMINISTRATIVE TECHNOLOGY

Prerequisite CSCI 2143. Advanced concepts of office management and office procedures utilizing integration of previously learned computer applications. Students develop advanced administrative skills through advanced email functions, the integration of office applications, and using a variety of peripheral devices. Students will complete projects using the Microsoft Office suite that require critical thinking, problem solving, and advanced office procedures.

### ADMS 2703 PROFESSIONAL PROJECTS AND PORTFOLIO DESIGN

Prerequisites: ADMS 1023 and completion of 45 hours of the program. A course with emphasis on projects that require organizational skills and teamwork that prepares students for a smooth transition into the fast-paced business environment. Topics such as business attire, interpersonal skills, ethics, business protocol, and problem solving are incorporated into the class. Students will develop individual professional portfolios that can be used in the job application process.

## ART

### ART 1013 DRAWING I

A course designed to teach the techniques of drawing in pencil, charcoal, and ink. Provides instruction in the application of art principles to drawing. Four hours per week in studio. (F, S, D)

### **ART 1113 DRAWING II**

Prerequisite: Art 1013. Advanced problems in drawing, composition, drawing with colored media, and experimental techniques. Four hours per week in studio.

### **ART 2003 ART APPRECIATION**

(For non-art majors) Prerequisite: Pass BSTD 0113 with a "C" or better or equivalent score on placement test. Course to develop enjoyment of art and understanding of art's relevance to society through a non-studio study of visual design and subsequent analysis of architecture, sculpture, and painting.

### **ART 2073 PAINTING I**

This course provides preliminary experience in painting, using transparent water soluble paints and other media related to pictorial composition.

### **ART 2093 PAINTING II**

Designed for students to become acquainted with advanced painting methods using water soluble paints. Composition and personal style are emphasized. (On demand, D, N)

<h2 style="text-align: center;"><b>AUTOMOTIVE SERVICE TECHNOLOGY</b></h2>
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### **AST 1004/L AUTOMOTIVE FUNDAMENTALS**

The course emphasis is on the operation and servicing of major automobile systems. Proper use and care of hand tools, shop equipment, and automotive test equipment is also covered. Safety is stressed. (2 hours lecture, 3 hours lab)

### **AST 1104/L MANUAL DRIVE TRAIN AND AXLES/LAB**

Manual transmissions, transaxles, clutches and transfer cases are covered in this course. Also covered are u-joints, drive shafts and differential repair and diagnosis. (2 hours lecture, 3 hours lab)

### **AST 1204/L BRAKE SYSTEMS/LAB**

This course covers the diagnosis and repair of brake system hydraulics, drum brake systems, disc brake systems and power assist brake systems. Anti-lock brake system diagnosis and repair are included. (2 hours lecture, 3 hours lab)

### **AST1304/L STEERING AND SUSPENSIONS/LAB**

This course covers diagnosis and repair of steering and suspension systems. Units of instruction will include steering systems, suspension systems, alignment procedures, and wheel/tire service. (2 hours lecture, 3 hours lab)

### **AST1404/L**

#### **AUTOMOTIVE ELECTRONICS I/LAB**

This course introduces electrical theory including voltage, current, resistance, and power. DC and AC circuits are covered along with series, parallel, and series-parallel circuits. The proper use of electrical test equipment is emphasized. (2 hours lecture, 3 hours lab)

### **AST 1504/L ENGINE REPAIR/LAB**

This course includes safety, tools, service information, and precision measurement. Also covered are engine disassembly/ assembly procedures, engine diagnosis, lubrication and cooling systems. (2 hours lecture, 3 hours lab)

### **AST 1604/L**

#### **ENGINE PERFORMANCE I/LAB**

This course is an introduction to ignition, fuel, intake, and exhaust systems. Exhaust emissions and emission control devices are also covered. Diagnostics is emphasized. (2 hours lecture, 3 hours lab)

### **AST 1614/L ENGINE PERFORMANCE II/LAB**

The course covers various fuel injection systems, electronic ignition systems, and on-board computer engine controls. Proper diagnostics is stressed. Lab experiments enhance the instruction. (2 hours lecture, 3 hours lab)

### **AST 1704/L HEATING AND AIR CONDITIONING/LAB**

This course covers diagnosis and repair of Air Conditioning Systems. Refrigeration and heating and cooling systems are also covered. Automatic control systems, refrigerant recovery, recycling and handling are also covered. (2 hours lecture, 3 hours lab)

### **AST 1804/L AUTOMATIC TRANSMISSION/TRANSAXLES/LAB**

This course covers diagnosis and repair of automatic transmission/transaxles. Included are transmission maintenance, adjustments, and scan tool diagnostics. Off-vehicle diagnosis and repair are also covered. (2 hours lecture, 3 hours lab)

### **AST 1902 ASE TEST PREPARATION**

This course is designed to assist the student in preparing for the National Institute for Automotive Excellence (ASE) tests. The course will include pretests, practice tests, individual instruction, and classroom media presentations. (2 hours lecture)

### **AST 2404/L AUTOMOTIVE ELECTRONICS II/ LAB**

This course is an in-depth study of battery, starting, charging, and electrical accessory systems. Proper diagnostics and safety is stressed. Lab experiments enhance the instruction. (2 hours lecture, 3 hours lab)

### **AST 2601 DIRECTED STUDY**

The student and the instructor will agree upon a project that will enhance the student's automotive knowledge. The project is to be completed by the student in the classroom, lab, or on the job. (1 hour, 30 contact hours)

### **AST 2604/L ADVANCED ENGINE PERFORMANCE/ LAB**

This course covers OBD II (on-board diagnostics second generation) systems. Included are advanced diagnostics of fuel, ignition, and emission control systems. Scan tool and Scope usage is emphasized. (2 hours lecture, 3 hours lab)

## **BASIC STUDIES**

Grades earned in courses beginning with a "0" prefix course number will not be used in calculating grade point averages. Semester hours earned will not be counted for graduation purposes. These courses must be repeated until a grade of "C" or better is earned.

### **BSTD 0053 BASIC READING SKILLS**

**Prerequisites:** No prerequisites exist for this course. Any student may enroll in the Reading Skills course(s). However, students place into Basic Studies Reading when they take the required entrance tests at SouthArk. If students score into the Basic Studies Reading program, they are then required to take the Nelson-Denny Reading Test for placement into the appropriate reading class. If students score below a 7.0 on the Nelson-Denny Reading Test, they are required to take this course. If students do not score above a 7.0 on the Nelson-Denny Reading Test after two semesters, they will be asked to participate in SouthArk's Adult Education program to improve their reading skills before returning to the Basic Studies Reading program.

The purpose of Basic Skills Reading is to increase the student's reading ability level through comprehension, perception, and vocabulary. Emphasis will be placed on increasing students' reading ability levels to a

minimum reading level of 7.0 on the Nelson-Denny Reading Test.

### **BSTD 0103 READING IMPROVEMENT I**

Development of reading skills through perception training, vocabulary building, comprehension training, and rate building. Diagnostic and individual prescriptive techniques are emphasized. (F, S, D, N, SS)

### **BSTD 0113 READING IMPROVEMENT II**

Continuation of BSTD 0103. Prerequisite: Pass BSTD 0103 (or 0203) with a grade of "C" or better or make an appropriate score on the placement test. Emphasis on increasing reading speed and comprehension. (F, S, D, N, SS)

### **BSTD 0203 FUNDAMENTALS OF WRITING I**

Intensive study of the fundamentals of written English, grammar, punctuation, spelling, and vocabulary development.

### **BSTD 0213 FUNDAMENTALS OF WRITING II**

Prerequisite: Pass BSTD 0203 with a grade of "C" or better or make an appropriate score on the placement test. Continuation of grammar, punctuation, spelling, and vocabulary through a variety of writing experiences.

### **BSTD 0314 FUNDAMENTALS OF ARITHMETIC**

An arithmetic review for students who need to improve their computational skills. Topics covered include whole numbers, fractions, decimals, ratio and proportions, percent, measurement, and basic geometry. (3 hours lecture, 2 hours lab)

### **BSTD 0413 ELEMENTARY ALGEBRA.**

Prerequisite: Pass BSTD 0314 with a grade of "C" or better or make an appropriate score on the placement test. This is a pre-college, beginning algebra course for students with no algebra background or with a very weak algebra background. The purpose is to prepare the students for BSTD 0513, Intermediate Algebra. Topics include the real number system, algebraic expressions, properties of the real number system, real number arithmetic, exponential notation, order of operations, solving first-degree equations in one variable, solving first-degree inequalities in one variable, solving a formula for a letter, problem solving using equations, laws of exponents, polynomial operations, and factoring

polynomials. This course is primarily taught using the I CAN Learn Math software.

### **BSTD 0513 INTERMEDIATE ALGEBRA**

Prerequisite: Pass BSTD 0413 with a grade of “C” or better or make the appropriate score on the placement tests. This is a pre-college level course for students who have had some algebra but need further development of their skills before they take MATH 1023, College Algebra. Topics covered include factoring polynomials, rational expressions, solving rational equations, graphing linear equations on the coordinate plane, compound inequalities, absolute value equations and inequalities, linear inequalities in two variables, relations and functions, variation, systems of equations and inequalities, radical expressions, rational exponents, solving radical equations, and solving quadratic equations. This course is primarily taught using the I CAN Learn Math software.

## **BIOLOGY**

### **BIOL 1001 INTRODUCTION TO ANATOMY AND PHYSIOLOGY**

Prerequisites: Pass BSTD 0113, BSTD 0213, and BSTD 0413 with a grade of “C” or better. Introduction to biology course is a 5-week, 1-credit hour course to introduce the basics of the structure and function of organ systems. This course is designed to provide traditional and nontraditional freshmen level students with an introduction to human anatomy and physiology, the chemical basis of life, cells, cellular metabolism, and tissues of the human body. The course is designed for individuals who plan to take additional higher level courses in biology. There is no laboratory associated with the course.

### **BIOL 1004/L FUNDAMENTALS OF BIOLOGY/LAB**

Prerequisite: Pass BSTD 0113, BSTD 0213, and BSTD 0413 with a grade of “C” or better or make an appropriate score on the placement test. Morphological, physiological, and taxonomic survey of the plant and animal kingdom with emphasis on basic biological principles. Lecture: three hours. Laboratory: two hours.

### **BIOL 1024/L VERTEBRATE ZOOLOGY/LAB**

Prerequisites: Pass BSTD 0113, BSTD 0213, and BSTD 0413 with a grade of “C” or better or make an appropriate score on the placement test. This course is designed to be an introductory exposure to the biological sciences for non-majors. The emphasis will be on general

principles of zoology. Material will cover phylogenetic relationships, morphology and physiology in vertebrates, ranging from amphioxus to humans. Lecture: three hours. Laboratory: two hours.

### **BIOL 1034/L GENERAL BOTANY/LAB**

Prerequisite: Pass BSTD 0113, BSTD 0213, and BSTD 0413 with a grade of “C” or better or make an appropriate score on the placement test. Introduction to fundamental principles of plant structure and function. Lecture: three hours. Laboratory: two hours

### **BIOL 2003, NUTRITION AND DIET**

Study of the fundamental principles of human nutrition and diet with emphasis on carbohydrates, lipids, proteins, vitamins, minerals, and energy in normal nutrition as well as in disease conditions. Lecture: 3 hours.

### **BIOL 2064/L, HUMAN ANATOMY AND PHYSIOLOGY I/LAB**

Prerequisites: Pass BSTD 0113, BSTD 0213, BSTD 0413, and BIOL 1001, or BIOL 1004/L with a grade of “C” or better or make an appropriate score on the placement test. This course provides instruction related to the study of the structure and functions of the human body. Lecture emphasizes concepts that allow humans to walk upright and to respond to their environment. Laboratory work includes histology, morphometry of the skeleton, dissections, and some physiologic experimentation. Lecture: 3 hours. Laboratory: 2 hours (F,S,SS,D,N, and On line) 4 Credits

### **BIOL 2074/L, BIOL 2074.90 (on line), BIOL 207L.90 (on line) HUMAN ANATOMY AND PHYSIOLOGY II/LAB**

Prerequisite: Pass BIOL 2064/L with a grade of “C” or better. Continuation of BIOL 2064, with emphasis on the circulatory, lymphatic, digestive, urinary, respiratory and hematologic systems including a study of growth and development of the human body, and discussion of newest developments in genetics. Laboratory work includes histology of tissues, CD labs on electrocardiography and the ECG, respiration and metabolism, and dissections of sheep heart and the fetal pig in addition to some physiologic experimentation. Lecture: 3 hours. Laboratory: 2 hours. 4 Credits

### **BIOL 2304/L KINESIOLOGY/LAB**

Prerequisites: Pass BIOL 2064/L with a grade of “C” or better. Study of musculoskeletal

anatomy, posture, and movement of the human body. An understanding of the muscular system with regard to origin, insertion, and action of muscles, serves as the basis by which to study planes and axis of movements, the range and quality of functional movements, the actions of levers within the human body, and how muscular contraction affects movements, posture, and gait. (3 hours lecture, 2 hours lab). 4 credits

## BUSINESS ADMINISTRATION

### **BUS 1003 THE AMERICAN ENTERPRISE SYSTEM**

Basic course in the fundamentals of business. An overview to develop an intelligent understanding of the realistic problems and practices of business. Studies of the business organization and its environment, including marketing, economics, management, and accounting.

### **BUS 2013 QUANTITATIVE ANALYSIS**

Prerequisite: MATH 1023. An introduction to applied statistics including measures of central tendency and dispersion, probability, sampling, estimation, hypothesis testing, and analysis of variance.

### **BUS 2074 PRINCIPLES OF REAL ESTATE**

Basic concepts of marketing, ownership, and legal principles involved in real estate management to help prepare students for the state real estate salesperson examination.

### **BUS 2133 REAL ESTATE APPRAISAL**

Prerequisite: BUS 2074. Course covering principles and techniques of residential real estate appraising.

### **BUS 2233 PERSONNEL SUPERVISION**

A course designed for persons training for first level supervisory positions with emphasis on human relations, motivation, and effective uses of human resources.

### **BUS 2903 SPECIAL TOPICS IN BUSINESS**

A survey of various topics within the field of business to meet specialized needs.

## CHEMISTRY

### **CHEM 1024/L CHEMISTRY I FOR SCIENCE MAJORS/LAB**

Prerequisites: Pass BSTD 0113, BSTD 0213 with a grade of "C" or better and either one year of high school algebra, or BSTD 0413 or its

equivalent or make an appropriate score on the placement test. Successfully complete high school chemistry or its equivalent. Fundamental laws, theories, and mathematical relationships of chemistry. Intended for students who need a foundation for work in advanced chemistry or related laboratory sciences. Three hours lecture and two hours laboratory.

### **CHEM 1064/L FUNDAMENTALS OF CHEMISTRY/LAB**

Prerequisites: Pass BSTD 0113, BSTD 0213 with a "C" or better and either one year of high school algebra, or BSTD 0413 or its equivalent or make an appropriate score on the placement test. An introductory course for students in two-year Allied Health programs, chemical technology, and industrial process technology. Does not fulfill general education science requirement. Three hours lecture and two hours laboratory.

### **CHEM 1124/L CHEMISTRY II FOR SCIENCE MAJORS/LAB**

Prerequisite: CHEM 1024, BSTD 0513. Continuation of College Chemistry I. Three hours of lecture and two hours laboratory.

## COMPUTER SCIENCE

### **CSCI 1003 COMPUTERS AND INFORMATION PROCESSING**

Learn basic computer concepts and software applications with an emphasis on personal computing. Topics include hardware, software, data processing, the Internet and World Wide Web, and current trends in personal computing. File management, word processing, spreadsheet, database, and presentation applications are introduced.

### **CSCI 1102 LEVITON CABLING CERTIFICATION**

This course presents information and installation competencies in alignment with the Leviton Copper Certified Installer examination and the Leviton Fiber Certified Installer examination.

### **CSCI 1103 COBOL PROGRAMMING**

Introduction to computer programming using the Common Business Oriented Language including presentation and analysis of programming applications and techniques for business, industry, and government.

### **CSCI 1112 IT ESSENTIALS I A**

Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. The

students, through hands-on activities and labs, learn to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. In addition, this course helps students prepare for the CompTIA A+ certification.

### **CSCI 1113 COMPUTERS AND MULTIMEDIA**

Learn the fundamental concepts and essential skills required for successful multimedia projects. The student will be shown how to use text, images, sound, and video to deliver compelling messages and content in meaningful ways. The class will cover designing, organizing, and producing multimedia projects such as CD-ROMs, DVDs, and professional web sites. Copyright laws and “Fair Use” practices will be covered in this class.

### **CSCI 1114 IT ESSENTIALS I B**

A continuation of CSCI 112-IT Essentials I A. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. The students, through hands-on activities and labs, learn to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. In addition, this course helps students prepare for the CompTIA A+ certification.

### **CSCI 1263 WINDOWS XP PROFESSIONAL/ NETWORK ADMINISTRATION**

Prerequisites: Fundamental keyboarding skills, pass BSTD 0113 and BSTD 0213 with a grade of “C” or better or equivalent score on the placement test. Covers basics of Windows XP Professional from installing and upgrading to enabling remote support. Administrative issues such as setting up password requirements, securing shared resources, and managing user accounts are covered. Includes details on mobile computing issues for networks.

### **CSCI 1274 WINDOWS 2003 SERVER/NETWORK ADMINISTRATION**

Prerequisites: Fundamental keyboarding skills, pass BSTD 0113 and BSTD 0213 with a grade of “C” or better or equivalent score on the placement test. This course is designed to give students the knowledge and experience to install, configure, and administer Microsoft Windows 2003 Server as a network operating system. This course will prepare students for Microsoft Exam number 70-215.

### **CSCI 1304 NETWORK + CERTIFICATION REVIEW**

A review of the concepts, terms, and bodies of knowledge making up the Network + certification exam. Introduction to the key networking installations, configurations, and administration tasks involved in administering Windows and Linux operating systems.

### **CSCI 1403 CCNA 1 NETWORKING BASICS**

Prerequisite: Pass BSTD 0113 and BSTD 0213 with a grade of “C” or equivalent score on the placement test. Cisco’s CCNA Semester 1 Networking Basics is part of the Cisco Networking Academy Program. The curriculum provides the student with an introduction to networking technology, including terminology, protocols and standards, LANs, WANs, the OSI networking model, cabling, routers, Ethernet and IP addressing. This course is the first of three designed to help prepare the student to take Cisco’s CCNA certification exam.

### **CSCI 1405 INTRODUCTION TO NETWORKING**

Students will learn the basic hardware components and software (both OS & Utilities) in LAN networks. They will research careers in the networking industry, and emerging trends and technologies. Through hands-on activities and labs, students will learn to install and configure NOS (Network Operating Systems), and troubleshoot software problems with the NOS. This course helps students prepare for the CompTIA N+ certification examination.

### **CSCI 1413 CCNA 2 ROUTERS AND ROUTING BASICS**

Prerequisite: Pass CSCI 1403 with a grade of “C” or better. This course consists of Cisco’s Semester 2 Routers and Routing Basics and is part of the Cisco Networking Academy Program. The curriculum provides instruction in TCP/IP addressing, routers, router configuration, routing and routing protocols, IOS images, and network troubleshooting. This course is the second of four which covers objectives for Cisco’s CCNA certification exam.

### **CSCI 1425 LAN INSTALLATION & REPAIR**

Prerequisite: CSCI 1405. A continuation of CSCI 1405– Introduction to Networking. Students learn the functionality of network media and signaling used on each different type of media, functionality of Protocols, OSI protocol Model, and the TCP/IP protocol stack. Through

hands-on activities and labs, students learn to analyze network architectures, upgrade, design, install LAN Networks, and troubleshoot hardware and software problems with the LAN. This course assists students in preparing for the CompTIA N+ certification examination.

### **CSCI 1703 INTRODUCTION TO LINUX**

Presents the foundational principles and skills of the Linux operating system. Students will learn how to install, maintain, and troubleshoot Linux from a system-level experiential perspective.

### **CSCI 1803 SECURITY + EXAM CERTIFICATION**

Designed to prepare students for the CompTia Security+ exam. Security+ is a vendor-neutral certification exam for entry-level security professionals.

### **CSCI 1903 DESKTOP PUBLISHING I**

Introduces the student to the basics of desktop publishing. Course will include terminology, graphics, line draw, columns, tables and charts, report production, and layout techniques.

### **CSCI 1923 INTRODUCTION TO ADOBE PHOTOSHOP**

Students will be introduced to the fundamental and intermediate aspects of Adobe Photoshop™. From a post-production perspective, students will learn how to take an existing photographic image and produce a final quality image through manipulation and editing.

### **CSCI 2023 VISUAL BASIC FOR WINDOWS**

Prerequisite: CSCI 1003. An introduction to programming using Microsoft's Visual Basic.Net programming language with emphasis on business and scientific applications.

### **CSCI 2043 WEB DESIGN**

Students will learn and apply advanced aspects of Web design and production using the Dreamweaver™ program. Students will be required to create a polished Web site for their class project.

### **CSCI 2113 DESKTOP PUBLISHING II**

Prerequisite: CSCI 1903. Introduces the student to advanced features of desktop publishing software, culminating in the layout, and design of complex multi-page documents. This is a hands-on course, which is designed to help the student use advanced enhancing techniques to produce long and/or short complex documents.

### **CSCI 2124/L INTRODUCTION TO JAVA/LAB**

An introduction to the fundamentals of the JAVA programming language. Provides a conceptual understanding of Object Oriented programming. Students will learn how to create classes, objects, and applications using the language. Topics also include JAVA language fundamentals and the Java language API (application programming interface).

### **CSCI 2143 MICROCOMPUTERS: BUSINESS APPLICATIONS**

Prerequisite: BSTD 0103 and basic typing skills. An introduction to microcomputers and applications software used in business. The course covers the use and operation of microcomputers and various types of popular "business" software including spreadsheets and database management systems.

### **CSCI 2183 INTRODUCTION TO COMPUTER GRAPHICS**

Using Adobe Illustrator™ software, students will learn how to creatively design through software functions that include drawing, painting, editing, coloring, and layering. Basic and intermediate techniques will be covered and advanced techniques introduced.

### **CSCI 2193 ADVANCED WEB DESIGN**

Prerequisite: CSCI 2043. Advanced concepts of web design and production will be used to produce professional websites. Topics will include templates, style sheets, layers, interactivity, animating timelines, find and replace, and extensions.

### **CSCI 2203 DATABASE**

Prerequisite: CSCI 2143 or equivalent skills. Through the use of Microsoft Access™, the student will learn core and various expert-level functions through database creation, manipulation, and output processes. This is primarily a hands-on course.

### **CSCI 2204 IMPLEMENTING AND ADMINISTERING A MICROSOFT 2003 ACTIVE DIRECTORY**

Prerequisite: CSCI 1274. Provides students with the knowledge and skills necessary to install, configure, and administer Microsoft Windows Active Directory service. Focuses on implementing Group Policy and understanding the Group Policy tasks required to centrally manage users and computers.

**CSCI 2223 EXCEL**

Prerequisite: CSCI 2143 or equivalent skills. Through the use of Microsoft Excel, the student will learn core and expert level functions using personal and business applications. The class emphasizes the features and techniques to develop solutions to spreadsheet problems including data creation, manipulation, analysis, and output processes. This course covers the topics that will help prepare the student for the Microsoft User Specialist Excel Test.

**CSCI 2323 CCNA 3 SWITCHING BASICS AND INTERMEDIATE ROUTING**

Prerequisite: CSCI 1413 with a grade of “B” or better or possess CCNA certificate. This is the third of four courses designed to cover objectives for the Cisco Network Associate (CCNA) certification exam. Topics include the advance IP addressing topics of VLSM and CIDS; advanced routing concepts which include Single Area OSPF and EIGRP; and LAN switching concepts including VLANS, trunking and VTP.

**CSCI 2343 CCNA 4 WAN TECHNOLOGIES**

Prerequisite: Pass CSCI 1413 with a grade of “B” or better or possess CCNA. This is the fourth of four courses designed to cover objectives for the Cisco Certified Network Associate (CCNA) certification exam. Topics include WAN design; ISDN, dial-on-demand routing, and dialer profiles; scaling IP addressing using NAT and DHCP; Point-to-Point Protocol; and Frame Relay.

**CSCI 2351/2352/2353 SPECIAL TOPICS IN INFORMATION TECHNOLOGY**

A survey course of a selected topic or related topics in information technology intended to provide the CIT student with exposure to new technology or a special knowledge/skills set. Credit will vary depending upon length of study requirements.

**CSCI 2361/2362/2363 SPECIAL TOPICS IN INFORMATION TECHNOLOGY/ADVANCED**

A continuation of CSCI 2351/2352/2353

**CSCI 2413 ADVANCED MICROSOFT OFFICE**

Prerequisite: CSCI 2143. This course is intended as a second course for enhancing the student's ability to utilize Microsoft Office software. Integration of applications and advanced topics will be covered in the applications.

**CSCI 2703 PROFESSIONAL PROJECTS & PORTFOLIO DESIGN**

Prerequisite: Completion of 45 hours of the program. Students complete projects that require organizational skills and teamwork to prepare them for a smooth transition into the fast-paced business environment. Class incorporates such topics as appropriate business attire, professional etiquette, interpersonal skills, ethics, business protocol, and problem solving. Students develop individual professional portfolios they may use in applying for jobs.

**COSMETOLOGY****COS 1002 INTRODUCTION TO COSMETOLOGY**

This course covers the history of cosmetology, basic life skills for developing a professional image and business. In addition opportunities will be available to practice positive communication skills and general organizational skills relevant to good business practice. (2, 0)

**COS 1004 INTRODUCTION TO HAIRCUTTING/HAIRSTYLING 1**

This course is a basic overview of infection control and safety; the properties of the hair and scalp; shampooing, rinsing, conditioning; introduces the basic principles of hair design, haircutting, wet hairstyling, thermal hairstyling, thermal pressing, braiding and extensions. The student will practice these techniques on mannequins in a lab setting. (1, 3)

**COS 1102 INTRODUCTION TO CHEMICAL SERVICES 1**

This course in applied chemistry covers the basic chemistry of hair and skin; introduces the basic techniques of permanent waving, chemical hair relaxing, hair coloring and decolorizing; and provides practice in techniques of soft curl permanent waving. The student will practice these techniques on mannequins in a lab setting. (1, 1)

**COS 1104 PRACTICUM 1**

The student will have opportunity to practice the basic techniques of haircutting, hairstyling, manicuring and pedicuring in a lab setting. (1, 3)

**COS 1202 INTRODUCTION TO SPECIALTY SERVICES 1**

This course provides a basic overview of the use of electricity in specialty services; a study of basic anatomy and physiology associated with face, skin, and hair; basic concepts of skincare



histology, skincare facials, cosmetics application; a study of nail structure and growth; an overview of nail structure and growth; and appropriate manicuring and pedicuring techniques. The student will have opportunity to practice the techniques of manicure and pedicure in a lab setting. (1, 1)

#### **COS 1203 HAIRCUTTING/HAIRSTYLING 2**

This course is provides practice in advanced techniques for infection control and safety; the properties of the hair and scalp; techniques of shampooing, rinsing, conditioning; provides extensive practice in more advanced principles of hair design, haircutting, wet hairstyling, thermal hairstyling, thermal pressing, braiding and extensions. The student will practice these techniques on mannequins in a lab setting. (1, 2)

#### **COS 1204 PRACTICUM 2**

The student will have opportunity to practice advanced techniques of haircutting, hairstyling, manicuring and pedicuring on mannequins and peers in a lab setting. (1, 3)

#### **COS 1302 SCHOOL TO WORK TRANSITION**

This class explores the complexity and concepts inherit in running a salon business; developing the characteristics of a good employee and seeking employment; developing and maintaining a good resume and portfolio; practicing the basic techniques of good business plan development. The student will have opportunity to practice the skills acquired in this class through role playing activities and scenarios, interviews with and presentations from representatives of the cosmetology business; and will compile a portfolio suitable for quality resume construction. (1, 1)

#### **COS 1402 CHEMICAL SERVICES 2**

This course provides extensive training in advanced chemistry processes; permanent waving techniques, chemical relaxing techniques and hair coloring/de-coloring techniques. The student will practice these techniques on mannequins in a lab setting. (1, 1)

#### **COS 1502 SPECIALTY SERVICES 2**

This course provides instruction and practice in advanced techniques associated with cosmetic, corrective and theatrical applications; temporary hair removal; application of artificial nails; and specialty manicures and pedicures. The student will practice these techniques in a lab setting. (1, 1)

#### **COS 2003 PRACTICUM 5:**

The student will continue developing advanced mastery of cosmetology skills through work assignments with peers and assigned paying patrons in the school lab. (1,2)

#### **COS 2004 PRACTICUM 3**

The student will practice skills in haircutting, hairstyling, manicuring and pedicuring on mannequins and peers to develop mastery. (1, 3)

#### **COS 2006 PRACTICUM 4**

The student will develop advanced skills mastery through peers and assigned paying patrons in the school lab. (2, 4)

#### **COS 2103 PRACTICUM 7**

In preparation for the State Cosmetology licensing exam, the student will continue practice of cosmetology skills through work assignments with peers and assigned paying patrons in the school lab. (1, 2)

#### **COS 2106 PRACTICUM 6**

In preparation for the State Cosmetology licensing exam the student will continue practicing cosmetology skills through work assignments with peers and assigned paying patrons in the school lab. (2, 4)

<b>CRIMINAL JUSTICE ADMINISTRATION</b>
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#### **CJ 1103 INTRODUCTION TO CRIMINAL JUSTICE**

Examination of the history and philosophy of the administration of justice in America. The systems and sub-systems, their roles and interrelationships, theories of crime, punishment, and rehabilitation; and the ethics, education, and training of professionals will be studied.

#### **CJ 2103 POLICE ADMINISTRATION**

Prerequisite: CJ 1103 or equivalent. Introductory course in the role of police in administration of criminal justice and crime control. An overview of police administrative, line, and auxiliary functions.

#### **CJ 2303 RULES OF CRIMINAL EVIDENCE AND PROCEDURES**

Prerequisite: CJ 1103 or equivalent. Introduction to the act of investigation. Attention to the importance of information, interrogation, and instrumentation in the solution and preparation of criminal cases for trial.

**CJ 2403 CRIMINAL INVESTIGATION TECHNIQUES**

Prerequisite: CJ 1103 or equivalent. Survey of general procedures, concepts, and practical application of the mechanics of criminal investigation. Emphasis upon elements of crime and fact-finding.

**CJ 2503 ARKANSAS CRIMINAL LAW**

A study of the criminal statutory provisions of the State of Arkansas. Study will include interpretation of the statutory criminal law as set forth by the State and U.S. Supreme Court.

**CJ 2603 ARKANSAS JUVENILE LAW & PROCEDURES**

A framework of substantive law for Arkansas Juvenile Courts. Provisions of Arkansas and Federal law pertaining to juveniles: guardianship, student dismissal from public school, and legal disabilities of minors (voting, marriage, compulsory school attendance, child abuse reporting laws, dependency, and neglect).

**EARLY CHILDHOOD EDUCATION**

**ECE 1003 FOUNDATIONS OF EARLY CHILDHOOD EDUCATION**

Prerequisite: Admission to the ECE program. This course includes basic information on childcare as a profession. The student is introduced to the competency goals and requirements of the Child Development Associate credential.

**ECE 1013 CHILD GROWTH & DEVELOPMENT**

Prerequisite: Admission to the ECE program. This course consists of the stages of cognitive, physical, emotional, and social growth of children from birth to age eight. It includes activities recommended to facilitate optimum development of each stage. Outside field experiences will be required.

**ECE 1023 ENVIRONMENTS FOR YOUNG CHILDREN**

This course focuses on the appropriate activities and positive physical, social, cognitive, and emotional environments that will facilitate optimum growth and development of children, aged birth to five. Focus is on creating a safe environment, providing healthy nutritious foods, and making young children aware of the importance of these factors for good

health and safe living. State laws and regulations for establishing childcare centers are also discussed.

**ECE 1033 TECHNICAL PRACTICUM I**

Prerequisites: ECE 1003; ECE 1013; ECE 1023. This course provides opportunities for students to apply the acquired theory and skills in a child care setting. Students are required to complete a minimum of 10 clock hours of hands-on experience per week. Upon completion of course and attainment of 480 hours of hands on experience in a licensed childcare setting, student may apply for the CDA Assessment.

**ECE 1043 CREATIVE ARTS FOR PRESCHOOL CHILDREN**

This course prepares preschool teachers for using art, music, movement, and dramatic play as a teaching tool through providing enrichment activities that are age appropriate. Creative activities in health and safety, problem solving, creative thinking, self-awareness, socialization, family relationships, nutrition, and music appreciation provide themes for instruction. Students will be expected to actively contribute and teach.

**ECE 1053 CURRICULUM METHODS & MATERIALS**

Prerequisites: ECE 1003, ECE 1013, ECE 1023. This course prepares the pre-school teacher for assessing student needs, planning age- and stage-appropriate lessons, and preparing and selecting materials to accompany lessons that will aid the children's optimum growth and development.

**ECE 2003 EMERGING LITERACY**

Prerequisite: ECE 1013. This course covers skills needed by preschool teachers in order to plan, develop, and present language arts activities that nurture expressive language in young children. These skills are used to help children develop pre-reading and pre-writing skills.

**ECE 2013 INFANT AND TODDLER DEVELOPMENT**

Prerequisite or Co-requisite: ECE 1013. This course provides foundational knowledge of appropriate behavioral expectations of infants and toddlers. Age appropriate care and discipline are examined along with the history, principles, and techniques of caring for infants and toddlers.

### **ECE 2023 SURVEY OF EXCEPTIONAL CHILDREN**

This course consists of a brief overview of many common physical, emotional, social, and mental problems children may experience, and how preschool teachers may adapt lessons plans, provide emotional and social support, and meet other needs such children and their families may have. Special education needs are discussed along with the biological, social, and psychological elements of specific handicaps.

### **ECE 2033 GUIDING SOCIAL AND EMOTIONAL BEHAVIOR**

This course focuses on identifying and practicing effective techniques in guiding behavior and handling discipline problems in preschool children. Reasons for children's misbehavior, appropriate teacher responses, and positive guidance and communication techniques are included.

### **ECE 2043 SOCIAL STUDIES, MATH, AND SCIENCE FOR PRESCHOOL CHILDREN**

This course covers the skills needed by preschool teachers to plan, develop, and present developmentally appropriate activities in social studies, math, and science for young children.

### **ECE 2053 ADMINISTRATION OF PRESCHOOL PROGRAMS**

Prerequisite: Instructor permission. This course covers the theory and practice of administering private, state, and federally funded preschool programs. Concepts of administration are covered.

### **ECE 2063 TECHNICAL PRACTICUM II**

Prerequisite: Students must have completed the Technical Certificate in Early Childhood Education in order to enroll. Provides opportunities for advanced childhood education students to apply the acquired theory and skills in a childcare setting. Students are required to complete a minimum of 10 clock hours of hands-on experience per week.

## **ECONOMICS**

### **ECON 2003 MACROECONOMIC PRINCIPLES**

Introduces the basic economic concepts including the market system, national income, fiscal policy, monetary policy, and the Federal Reserve System. Emphasis is placed on connecting the concepts to real world situations.

### **ECON 2103 MICROECONOMIC PRINCIPLES**

Introduction to microeconomics and resource allocation of comparative economic systems. Covers consumer choice, firm production and pricing in different market structures, the public sector, and externalities.

## **EDUCATION**

### **EDUC 2003 INTRODUCTION TO EDUCATION**

A course designed to acquaint the student with the American system of public education. Includes an examination of the social forces shaping the development of education in America, the various units in the educational system, educational history and philosophy, survey and analysis of the psychological and sociological principles underlying the public school program, and professional ethics. Also includes a 24-30 hour block of supervised experience in a school working with a certified teacher for the purpose of exposure and orientation to the objectives, techniques, and methods employed in classrooms in the teaching/learning process. Course to be taken in the freshman or sophomore year.

### **EDUC 2013 PRAXIS I TEST PREPARATION**

This is a test preparation course for the Praxis I. Reading, writing, and mathematics reviews are designed to help students succeed on this required standardized test. **ALL education students are required to register for the PRAXIS I.**

### **EDUC 2313 INTRODUCTION TO EDUCATIONAL TECHNOLOGY**

Covers basic technology planning in P-12 classrooms with emphasis on technology use and concepts. Decision making and consequences concerning social, ethical and human issues related to technology and computing is addressed. Minimal experience with computers is necessary.

## **EMERGENCY MEDICAL TECHNOLOGY**

### **EMT 1007 EMERGENCY MEDICAL TECHNICIAN - AMBULANCE (BASIC)**

A course designed to prepare students for the basic EMT certification examination administered by the Arkansas Department of Health.

### **EMT 1011 EMS ENVIRONMENT I**

An overview of Emergency Medical Systems. Emphasis is placed on professionalism, responsibility, development, improvement, and community involvement. The ethical and legal aspects of Emergency Medical Systems including malpractice, consent, and contracts will also be discussed.

### **EMT 1012 HUMAN SYSTEMS AND ASSESSMENT**

History taking, charting, and physical examination skills. Emphasis on directing, defining, and describing normal and pathological body conditions.

### **EMT 1013 SHOCK AND FLUID THERAPY**

Understanding and management of the body systems' reactions to decreased cellular oxygenation. Body fluids, osmosis, and pathophysiology of inadequate tissue perfusion combined with the evaluation and resuscitation of these patients. The use of PASG and intravenous techniques are emphasized.

### **EMT 1014 PARAMEDIC CLINICAL ROTATION I**

Supervised rotations through clinical settings. Rotations will include Emergency Department, Operating and Recovery Room, ICU/CCU, Pediatrics, and Psychiatric Unit. This rotation will provide students with the opportunity to use all of their advanced-level skills in the clinical setting.

### **EMT 1015 EMERGENCY CARDIAC CARE**

Etiology, pathophysiology, clinical features, cardiac disease processes, and assessment of patients with cardiac disorders and ACLS skills and techniques. Emphasis will be placed on the interpretation of cardiac dysrhythmia, clinical signs and symptoms of cardiac conditions, and indications and administration of cardiac therapy along with defibrillation and synchronized cardioversion skills.

### **EMT 1022 PHARMACOLOGY**

Clinical pharmacology, classification, and use of medications. Emphasis on the proper indications, precautions, dosages, and methods of administration will be covered. Includes dosage calculations and metric conversions.

### **EMT 1023 EMERGENCY RESPIRATORY CARE**

Care of patients with respiratory disorders. Discussion of the etiology and pathophysiology

of the respiratory system, normal respiratory function, and mechanics of respirations. Assessment, pathophysiology of respiratory disease, evaluation, and management of respiratory distress due to medical and trauma-related problems. Emphasis will be on the uses and techniques of esophageal, endotracheal, and surgical airways.

### **EMT 1033 INTERMEDIATE CLINICAL ROTATION**

Supervised rotations through hospital clinical areas. Emphasis will focus on areas that reinforce and allow the student to apply airway management, IV therapy, and patient assessment skills.

### **EMT 1043 TRAUMATOLOGY**

Management and treatment of traumatic injuries including soft tissues, central nervous system, and musculoskeletal structures. Anatomy and pathophysiology, assessment, and management of traumatic injuries involving these human systems.

### **EMT 1053 MEDICAL EMERGENCIES I**

Recognition, management, and pathophysiology of patients with medical emergencies. This module will include diabetic emergencies, anaphylactic reactions, exposure to environmental extremes, alcoholism, poisoning, acute abdomens, genitourinary problems, and medical emergencies of the geriatric patient.

### **EMT 2022 EMS ENVIRONMENT II**

Guided practice and emphasis on disaster and triage, EMS telemetry and communications, stress management, and emergency rescue extrication techniques.

### **EMT 2101 PARAMEDIC CLINICAL ROTATION II**

Supervised rotations through clinical settings. Rotations will emphasize the Emergency Department and its correlation to the Emergency Medical Services system. Labor and Delivery, Newborn Nursery, and ICU/CCU.

### **EMT 2112 MEDICAL EMERGENCIES II**

Recognition, management, and pathophysiology of patients with medical emergencies. This module will include infectious disease, OB-GYN, pediatrics, and behavioral emergencies.

### **EMT 2224 FIELD INTERNSHIP I**

Supervised experience in the pre-hospital care setting that will help the student develop and

utilize an understanding of the Advanced Life Support system. The student will practice skills as a team member under the direct supervision of a field preceptor. Includes participating in activities at the scene, through patient care, and assisting with coordination of events from dispatch to the transfer of patient care to the Emergency Department.

### **EMT 2232 ASSESSMENT-BASED MANAGEMENT**

Integrates the principles of assessment-based management to perform an appropriate assessment and implement the management plan for patients with common complaints. This module will emphasize general approach, assessment, differentials, and management priorities for patients commonly encountered by the EMT-Paramedic.

### **EMT 2234 FIELD INTERNSHIP II**

Supervised experience in the pre-hospital care setting which will allow the student to apply all of the principles and skills of the EMT-Paramedic in the pre-hospital care setting. The student will practice skills as the team leader under the direct supervision of a field preceptor. Includes directing activities at the scene, delegating patient care responsibilities, and providing coordination of events from dispatch to the transfer of care to the Emergency Department physician.

## **ENGLISH**

### **ENGL 1113 COMPOSITION I**

Prerequisites: 19 or above on the English section of the ACT, 40 or above on the Test of Standard Written English (TSWE), 42 or above on the ASSET Writing Skills Test, 75 or above on the COMPASS Writing Skills Test, or completion of BSTD 0213. Also, the completion of Reading II, BSTD 0113, or testing out of this course is a prerequisite. Writing the paragraph and short essay using clear and effective prose based on accepted conventions of grammar, usage, diction, and logic. An introduction to basic rhetorical models, principles, and techniques of expository and persuasive composition, analysis of texts with introduction to research methods, and critical thinking.

### **ENGL 1123 COMPOSITION II**

Prerequisite: ENGL 1113 with a grade of “C” or higher. Continued work in writing skills with an introduction to research methods, the

conventions of documentation, and advanced rhetorical models. Students work on maturing their composition skills by completing a research paper, a literary analysis, and other writing assignments. Further study of principles and techniques of expository and persuasive composition, analysis of texts, research methods, and critical thinking.

### **ENGL 2043 TECHNICAL WRITING FOR INDUSTRY**

Work with the principles of writing technical documents such as instructions, descriptions, definitions, service reports, contracts, proposals, memos, e-mails, and customer communications.

### **ENGL 2123 ADVANCED GRAMMAR AND COMPOSITION**

Prerequisite: ENGL 1123 with grade of “C” or higher. A refinement of skills including advanced grammar, rhetorical form, and specialized writing.

### **ENGL 2213 LITERATURE I**

Prerequisite: ENGL 1123. Introduction to Western literature; samplings of major masterpieces from the early Greeks to A.D. 1600. Emphasis on historical context, literary analysis, and critical writing. Students may take Literature I and Literature II out of sequence.

### **ENGL 2223 LITERATURE II**

Prerequisite: ENGL 1123. Introduction to Western literature with selections of works from 1660 to the present. Emphasis on historical context, literary analysis, and critical writing. Students may take Literature I and Literature II out of sequence.

### **ENGL 2313 CREATIVE WRITING**

Prerequisite: eligibility for ENGL 1113. Using techniques employed by experienced writers in creative genres and learning how to apply those techniques in a series of student writing projects. Completion of a portfolio of original poetry and/or fiction. Instruction in basic manuscript preparation and how to submit work for publication.

### **ENGL 2643 THE BIBLE AS LITERATURE**

A survey of the literary genres of the Old and New Testaments, focusing on the poetic and/or narrative art of each. Not intended as a vehicle for the sectarian study of religious doctrine or theology. (On demand)

## **ENGL 2653 AMERICAN LITERATURE I**

Prerequisite: ENGL 1123 with a grade of “C” or higher. A survey of American Literature, authors, and literary movements before 1865. Students may take American Literature I and II out of sequence.

## **ENGL 2663 AMERICAN LITERATURE II**

Prerequisite: ENGL 1123 with a grade of “C” or higher. A survey of American Literature, authors, and literary movements since 1865. Students may take American Literature I and II out of sequence

## **GEOGRAPHY**

### **GEOG 2003 INTRODUCTION TO GEOGRAPHY**

Introduction to Geography explores present world populations and cultures in relation to their physical environment.

## **GEOLOGY**

### **GEOL 1004/L PHYSICAL GEOLOGY/LAB**

Prerequisite: Pass BSTD 0113 with a “C” or better or equivalent score on placement test. Study of earth materials and general principles, physical processes that shape the earth: weathering, erosion, volcanism, earthquakes, rock deformation, and mountain building. Recommended as a general education course. Lecture: three hours. Laboratory: two hours

### **GEOL 1014/L HISTORICAL GEOLOGY/LAB**

Prerequisite: Pass BSTD 0113 with a “C” or better or equivalent score on placement test. A survey of the natural history of the earth including origin and evolution of life as recorded in rocks. Also basic stratigraphic interpretations using fossils and sedimentary rocks. Lecture: three hours. Laboratory: two hours (Recommended as a general education course)

## **HEALTH EDUCATION**

### **HPER 1403 PERSONAL AND COMMUNITY HEALTH**

A consideration of various conditions and factors affecting individual and community health; designed to assist the student in formulating his/her own philosophy, attitudes and understanding of behaviors necessary to establish healthful living practices.

## **HEALTH INFORMATION TECHNOLOGY**

### **HIT 1003 MEDICAL TERMINOLOGY**

Study of the basic structure of medical terms including prefixes, suffixes, roots, combining forms, plurals, pronunciation, spelling, and definitions. Introduces students to fundamental concepts in human anatomy and physiology.

### **HIT 1153 HEALTHCARE DELIVERY SYSTEMS**

Prerequisite or Corequisite: HIT 2073 and HIT 1281. A course of study designed to introduce the student entering health care fields of the organization, financing, and delivery of health care services. Topics presented include organization of healthcare delivery, health care organization, accreditation standards, professional licensure/ certification, regulatory agencies, and payment and reimbursement systems in health care.

### **HIT 1283 COMPUTER APPLICATIONS FOR HEALTHCARE PROFESSIONALS**

Introduction to personal computer application software using IBM compatible hardware. The course covers an introduction to word processing, electronic spreadsheet, database, graphics, and presentation software.

### **HIT 2073 BASIC MEDICAL CODING**

Prerequisite/Co-requisite: HIT 1003, HIT 1153, HIT 2803, and BIOL 2064/L. This course will aid student in developing and understanding ICD-9-CM coding and classification systems in order to assign valid diagnostic and/or procedure codes.

### **HIT 2081 PRACTICE CODING**

Prerequisite/Co-requisite: HIT 1003 and HIT 2803 and BIOL 2064/L. Co-requisite HIT 2073. Practical application and laboratory practice in coding using ICD-9-CM.

### **HIT 2144 BASIC MEDICAL TRANSCRIPTION/LAB**

Prerequisite/Co-requisite: HIT 1003, HIT 2083, and BIOL 2064/L. Review of medical terms; study of model report forms; roots, prefixes, suffixes, abbreviations; use of computers to transcribe complete medical cases from cassette tapes.

### **HIT 2154 ADVANCED MEDICAL TRANSCRIPTION/LAB**

Prerequisite: HIT 2144. This course prepares the student in the transcription of original health care dictation using advanced proofreading, editing,

and research skills while requiring progressively demanding accuracy and productivity standards. The student will learn to appropriately use related references and other resources for research and practice. Laboratory exercises are used to reinforce lecture material through the use of health care dictation by dictators with varying accents and dialects representing varying medical specialties.

### **HIT 2173 REIMBURSEMENT METHODOLOGY**

Prerequisite or corequisite: HIT 2183 and BIOL 2064/L. The student will study the use of coded data and health information in reimbursement and payment systems utilized in health care settings and managed care. The course will review prospective payment systems, third party payers, billing and insurance procedures, explanation of benefits statements, peer review organizations, managed care, and compliance issues.

### **HIT 2183 MEDICAL CODING II**

Prerequisite: HIT 2073 & HIT 2081. This course will aid student in developing and understanding advanced CPT and ICD-9-CM coding and classification systems in order to assign valid diagnostic and/or procedure codes. The course includes application of coding principles related to reimbursement, the prospective payment system, and ethical issues related to reimbursement.

### **HIT 2191 PRACTICE CODING II**

Prerequisite: HIT 2073 and HIT 2081. Co-requisite HIT 2183. Practice in coding in-patient and out-patient records using manual and computer techniques.

### **HIT 2262 MEDICAL ETHICS AND LAW**

A course of study designed to introduce the student entering the health care field to ethical and legal issues and responsibilities. Ethical and legal responsibilities of health care workers are the major focus. Ethical/legal topics include confidentiality, patient rights, liability and malpractice, legal proceedings, and medical ethical issues such as abortion, assisted suicides, organ transplants, medical experimentation, and others. Students are encouraged to explore and express their own thoughts and ideas concerning these topics.

### **HIT 2773 MEDICAL CODING PRACTICUM**

Prerequisite: HIT 2183 and HIT 2191. Supervised on-the-job experience performing

medical coding in a laboratory or health care facility. A minimum of 100 hours of practical experience will be required. The class will require students to be available for assignments in health care facilities Monday through Friday for up to 8 hours per day.

### **HIT 2783 MEDICAL TRANSCRIPTION PRACTICUM**

Prerequisite: HIT 2154. Supervised on-the-job experience performing medical transcription in a laboratory or health care facility. A minimum of 100 hours of practical experience will be required. The class will require students to be available for assignments in health care facilities Monday through Friday for up to 8 hours per day.

### **HIT 2803 INTRODUCTION TO MEDICAL SCIENCE**

This course focuses on specific disease processes, etiology, signs and symptoms, diagnostic procedures, treatments, prognoses and disease intervention which the allied health care provider may encounter. The coverage of major conditions is organized by body systems. An overview of the disease process, infectious diseases, neoplasm, and congenital diseases is presented.

## **HISTORY**

### **HIST 1003 HISTORY OF CIVILIZATION TO 1700**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. An introductory study of civilization from the ancient era through the early modern period emphasizing European politics, culture, and society.

### **HIST 1013 HISTORY OF CIVILIZATION SINCE 1700**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. An introductory study of the development of modern European civilization within the context of world history.

### **HIST 2013 HISTORY OF THE UNITED STATES TO 1876**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. A general survey of the history of the United States from the beginning of North American colonization through the Civil War and Reconstruction.

### **HIST 2023 HISTORY OF THE UNITED STATES SINCE 1876**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. A general survey of the history of the United States from the end of Reconstruction to the present.

### **HIST 2033 HISTORY OF ARKANSAS**

Prerequisite: BSTD 0113 with a grade of "C" or better or equivalent score on placement test. General survey of the history of Arkansas from its earliest known habitation to the present.

### **HIST 2043 AFRICAN-AMERICAN HISTORY**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. Survey of African-American history from the African background through the slave trade, plantation system, emancipation, and up to the present. Emphasis is on the cultural and historical experience of black Americans.

<h2 style="text-align: center;"><b>INDUSTRIAL EQUIPMENT MAINTENANCE</b></h2>
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### **IDEQ 1003 FUNDAMENTALS OF INDUSTRIAL MAINTENANCE**

Course covers basic maintenance fundamentals for Industrial System Technology. Topics include tools used within the Industrial Equipment/millwright industry; proper use of fasteners and anchors; and gasket and o-ring maintenance.

### **IDEQ 1103 BLUEPRINT READING FOR INDUSTRIAL TRADES**

The student will learn to read and interpret blueprints commonly found in the industrial maintenance settings. Topics include blueprint layout, symbols, projections, dimensions, tolerances, clearances, assembly, and bill of material

### **IDEQ 1403 FUNDAMENTALS OF ELECTRICITY**

Introduces the student to the National Electrical Code and its application in designing and installing electrical circuits, selecting wiring materials and devices, and choosing wiring methods. Includes electrical safety, terminology, interpretation of electrical symbols used in construction blueprints, branch circuit layout, over-current protection, conductor sizing, grounding, GFCI & AFCI protection, tool usage, and material/device selection

### **IDEQ 1413 ELECTRICAL CIRCUITS**

Provides fundamentals of single- and three-phase alternating current including parallel circuits, resistance, inductance, capacitance, switching, fusing, current requirements, transformer applications, and motor controls. Covers the basics of mechanical and electrical installations, emphasizes tool use and material selection and electrical troubleshooting diagnosis and repair.

### **IDEQ 1603 FLUID POWER SYSTEMS (Hyd/Pneu)**

Course is designed to present the basic theory and application of hydraulic and pneumatic components and systems in an industrial environment. Basic and advanced hydraulics and pneumatics, safety, and troubleshooting will be the main topics.

### **IDEQ 1613 ADVANCE FLUID POWER (Hyd/Pneu)**

Prerequisite: IDEQ 1603. Course covers the complex components and systems. Cartridge, servo, and proportional valves, pneumatic controls and control systems will be covered.

### **IDEQ 1903 INDUSTRIAL MOTORS AND CONTROLS**

Course covers electrical tools, instruments and safety, industrial electrical symbols, and line diagrams, theory to logic as applied to line diagrams, AC manual contractors and motor starter, magnetic solenoids, AC/DC contractors and magnetic motor starters, time delay logic and complex control circuits, control devices, reversing circuits applied to single phase, three phase and DC motors, electro-mechanical and solid state relays, AC reduced voltage starters, accelerating and decelerating methods and circuits, preventive maintenance, and troubleshooting.

### **IDEQ 2003 INDUSTRIAL MECHANICS**

This course will cover industrial rigging and equipment installation; preventive and predictive maintenance; proper selection and care of lubrication; various pumps and turbine, and bearings used throughout the industry

### **IDEQ 2013 COUPLING AND ALIGNMENT**

Identifies various types of couplings, and installation procedures using the press-fit method and the interference fit methods. Also covers removal procedures. In addition, covers types of misalignment, aligning couplings using a straightedge and feeler gauge, adjusting face and OD alignment, using a dial indicator, and eliminating coupling stress



### **IDEQ 2503 PRECISION MEASURING TOOLS**

Explains how to select, inspect, use and care for levels, feeler gauges, calipers, micrometers, height gauges and surface plates, dial indicators, protractors, parallels and gauge blocks, trammels, and pyrometers

## **MANAGEMENT**

### **MGMT 1113 INTRODUCTION TO MANAGEMENT**

Prerequisite: Pass BSTD 0113 with a “C” or better or equivalent score on placement test. Students learn to apply the basic management functions of planning, organizing, leading, and controlling. Leadership and group process skills are emphasized.

### **MGMT 1114 PRACTICUM I**

Pre/Co-Requisites: MGMT 1113 and/or MGMT 2113. The Practicum provides work experience as part of study. The course is open to students enrolled in the management program. It provides meaningful work experience in the business field as a paid or volunteer employee. The student, employer, and program coordinator develop an individual program for each student that is evaluated by both the employer and the program coordinator. A weekly progress review by email or in person is required of the student. Monthly progress reports and an ending comprehensive report will be submitted. A performance evaluation by supervisor and an original research report relevant to the business in which the student is employed are required.

### **MGMT 1123 HUMAN RESOURCE MANAGEMENT**

The principles, methods, and procedures related to the effective utilization of human resources in organizations.

### **MGMT 2113 MANAGEMENT SKILLS**

Prerequisite: Pass BSTD 0113 with a “C” or better or equivalent score on placement test. Study of performance and what affects it within the work environment. Topics include theories of human motivation, strategies for assessing and improving job performance, self-motivation, challenge, and empowerment, communication with employees, delegating responsibility, and performance appraisal.

### **MGMT 2114 JOB PRACTICUM II**

A continuation of MGMT 1114. (With permission of instructor).

### **MGMT 2214 JOB PRACTICUM III**

A continuation of MGMT 1114 and MGMT 2114 (With permission of instructor).

### **MGMT 2613 SMALL BUSINESS MANAGEMENT**

Prerequisite: Pass BSTD 0113 with a “C” or better or equivalent score on placement test. Guidelines on starting a new business, focusing on the unique problems and circumstances encountered in establishing and operating a small business. Emphasis on the reasons for small business failure and the minimization of those forces.

### **MGMT 2653 SPECIAL TOPICS IN MANAGEMENT**

A study of current issues in the field of human resource and operation management. Selected topics will be introduced from special readings and research. Designed to keep the professional manager abreast in the various fields of management.

## **MATHEMATICS**

### **MATH 1023 COLLEGE ALGEBRA**

Prerequisite: Meets basic studies math requirement. This is a college-level mathematics course. Topics include solutions to quadratic equations, solutions to quadratic and rational inequalities, functions (including linear, absolute value, piece-wise defined, quadratic, polynomial, rational, exponential, and logarithmic), graphing functions, shifting and reflecting graphs, combinations of functions, inverse functions, linear regression, systems of equations (including some matrix methods), sequences, and series.

### **MATH 1033 PLANE TRIGONOMETRY**

Prerequisite: MATH 1023 or the equivalent. MATH 1023 might serve as a co-requisite for some students with permission of the instructor. Topics include right and oblique triangles, angle measurement, trigonometric functions, solving triangles, trigonometric identities, solving trigonometric equations, graphs of trigonometric functions, inverse trigonometric functions. Logarithmic and exponential functions and an introduction to polar coordinates are included if time permits.

### **MATH 2015 CALCULUS I**

Prerequisite: MATH 1023 and 1033, or equivalent. Differential and integral calculus of

functions of one variable with application; topics from plane analytic geometry. Topics include limits, differentiation, applications of differentiation, anti-derivatives, definite integrals, applications of differentiation, differential equations, differentiation, and integration applied to logarithmic and exponential function.

### **MATH 2113 MATH FOR TEACHERS I (Number Operations and Number Sense)**

Prerequisite: An ACT Math score of 19 or higher (or equivalent entrance exam score). This is the entry-level course for P-8 education majors. Numeration systems from natural numbers through real numbers will be covered. The operations and properties with applications within each system will be developed as appropriate to the P-8 teacher.

### **MATH 2115 CALCULUS II**

Prerequisite: MATH 2015. A continuation of Calculus I. Topics include differentiation and integration of inverse trig and hyperbolic functions, applications of definite integrals, integration techniques, L'Hopital's Rule, improper integrals, infinite series, conics, parametric equations, and polar coordinates. (S on demand, D, N)

### **MATH 2223 MATH FOR TEACHERS II (Geometry I for the Elementary and Middle Grades)**

Prerequisite: MATH 1023. Geometry concepts appropriate for P-1 grade levels will be developed. Topics will include appropriate geometric terminology, lines, angles, plane curves, polygons and other plane regions, polyhedra and other space figures, measure, constructions, transformation, congruence, similarity and geometric reasoning.

## **MICROBIOLOGY**

### **MBIO 1124/L MICROBIOLOGY/LAB**

Prerequisite: Pass BSTD 0113, BSTD 0213, and BSTD 0413 with a grade of "C" or better or make an appropriate score on the placement test. Introduction to the world of microbes, including those that cause human diseases. Instruction is given in classification, metabolism, morphology, and identification of bacteria plus basic techniques for the microbiology laboratory. Classifications of parasites and fungi are included. Lecture: three hours. Laboratory: two hours.

### **MBIO 2444 PATHOGENIC MICROBIOLOGY (Formerly MLT 2444)**

Classification of pathogenic bacteria, methods for culturing and identifying microorganisms, and determining effectiveness of treatment drugs. Identification and classification of parasites associated with human disease. Parasitic life cycles and transmission of infections. Routine record keeping, special procedures, quality control, and safety in handling pathogenic materials.

## **MUSIC**

### **\*MUS 1001-2011 PIANO**

Study of scales, technical exercises, easier compositions of major classical composers (Bach, Haydn, Mozart, Chopin). Students will perform in student recitals during the semester and will demonstrate progress each semester as determined by the faculty. One-half hour private lesson per week with daily practice requirements.

### **MUS 1083 FUNDAMENTALS OF MUSIC THEORY**

An introduction to scales, intervals, elementary harmonic structure, rhythm, and sight-reading.

### **MUS 1111, 1121, 2111, 2121 CLASS VOICE**

Prerequisite: Instructor's interview. Designed to develop proper breath control, tone, and diction, using group methods. Interested students must be able to demonstrate proficiency in reading music.

### **\*MUS 1211, 1221, 2211, 2221 VOICE**

Individualized study of simple Italian, English, French, and German songs to aid the student in learning repertoire, styles, and correct vocal production. Interested students must be able to demonstrate proficiency in reading music.

### **MUS 1252 SIGHT SINGING AND EAR TRAINING**

Intensive training to read music at sight and to be able to take musical dictation. The class will develop sight singing skills by use of a text, homework, and group participation during class time. A good knowledge of music theory will be necessary for success in this course. It is recommended that Fundamentals of Music be taken before this class, but it is not essential for success if the student has a good background in fundamental music theory.

**\*MUS 1301 INTRODUCTION TO PIANO**

Piano lesson one on one which will include an introduction to the piano keyboard, piano literature, and music theory for the student with no previous knowledge or use of the piano.

**MUS 1302/1312 BEGINNING PIANO CLASS**

No Prerequisites. This course will introduce students who have little or no experience to playing piano and to basic music theory. Students will learn simple pieces using music reading, and correct technique. The class will meet in the piano lab twice weekly (50 minutes per lesson time). Expected outcomes from this beginning class will include playing in ensemble as well as alone; ability to notate and read music; understanding keys, pentascales, and time signatures; and learning to sight read. Workload will require at least 5 hours of practice per week as well as attendance.

**MUS 2302/2312 INTERMEDIATE PIANO CLASS**

Prerequisite: Pass MUS 1301 or 1302 with a grade of “B” or better, or demonstrate competency of outcomes from MUS 1302. This class will be for students wishing to advance to a level 3 or 4 in piano playing. Repertory requirements for this class will include the classical composers as well as jazz and blues. Expected outcomes from this intermediate class will include being able to participate in advanced ensemble playing, performing scales and chords in all keys, composing, and improvising and modulating at sight. Workload will require at least 5 hours of practice per week.

**\*MUS 1401, 1402, 2401, 2402 APPLIED ORGAN**

Prerequisite: Piano Proficiency and instructor’s interview. Applied organ will be individualized study of classical organ as used in church music or recital. Hymn playing, technical exercises, and familiarity with the instrument will be emphasized.

**MUS 1411, 1421, 2411, 2421 SOUTHARK SINGERS**

A mixed chorus that performs choral music of many styles from various periods. Admission is based on instructor’s permission. All SouthArk Singers are encouraged to enroll in either Voice (MUS 1211-2221 or MUS 1212-2222), Class Voice (MUS 1111-2121) or Piano Class while they are members of this choir.

**MUS 2003 MUSIC APPRECIATION**

(for non-music majors) Prerequisite: Pass BSTD 0113 with a grade of “C” or better or equivalent score on placement test. Survey of music history and literature with emphasis on listening to and evaluating all types of music including the works and influence of the major composers; the production of the music; instruments of the orchestra and voice, solo and ensemble; and elements, form and terminology. Current events are stressed, and attendance at concerts and selective radio and television listening are required.

\*An applied music fee is charged for these courses. The fee scales are listed in this catalogue under “Financial Information.”

**NETWORK SECURITY TECHNOLOGY**

**NST 1203 CYBERSPACE LAWS AND ETHICAL ISSUES**

Prerequisite: Pass BSTD 0113 and BSTD 0213 with a grade of “C” or equivalent score on the placement test. Introduction to basic copyright law and related ethical issues as they apply to the creation and use of copyrighted material. Emphasis on practical application of copyright law through case studies. Legal implications concerning the use of computers in the workforce are covered in this course, including the laws pertaining to their use and penalties for violations.

**NST 1423 INTRODUCTION TO INFORMATION SECURITY**

Prerequisite: Pass BSTD 0113 and BSTD 0213 with a grade of “C” or equivalent score on the placement test. Basic information security goals of availability, integrity, accuracy, and confidentiality. Vocabulary and terminology specific to the field of information security are discussed. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning and administrative controls is also discussed.

**NST 2094 INTRODUCTION TO HACKING TECHNIQUES**

Prerequisite: CSCI 1803 Security + Exam Certification or permission of the instructor. Introduction to hacking techniques and terminology. Examination of recorded hacking efforts on various platforms. Creation of Zombies, Backdoors, and other forms of

intrusion attacks, and an examination of the recognizable signatures of these types of attacks.

#### **NST 2104 DESIGNING A SECURE MICROSOFT WINDOWS NETWORK**

**Prerequisite:** CSCI 1274 and CSCI 2204

Provides students with the knowledge and skills necessary to design a security framework for small, medium, and enterprise networks by using Microsoft Windows networking technologies.

#### **NST 2163 INCIDENT RESPONSE AND HANDLING**

**Prerequisite:** NST 2094 and NST 1203. In-depth coverage of incident response and incident handling, including identifying sources of attacks and security breaches; analyzing security logs; recovering the system to normal; performing postmortem analysis; and implementing and modifying security measures.

#### **NST 2164 COMPUTER SYSTEMS FORENSICS**

**Prerequisite:** NST 1203. In-depth study of system forensics including methodologies used for analysis of computer security breaches. Gather and evaluate evidence to perform postmortem analysis of a security breach.

#### **NST 2214 FIREWALLS AND NETWORK SECURITY**

**Prerequisite:** CSCI 1803 and CSCI 1413. Identify elements of firewall design, types of security threats and responses to security attacks. Use best practices to design, implement, and monitor a network security plan. Examine security incident postmortem reporting and ongoing network security activities.

#### **NST 2314 ADVANCED HACKING TECHNIQUES**

**Prerequisite:** Pass NST 2094 with a grade of “C” or better or permission of the instructor. Examination of emerging hacking techniques. By helping students to understand attackers' tactics and strategies in detail, providing hands-on experience in finding vulnerabilities and discovering intrusions, and by equipping students with a comprehensive incident handling plan, the in-depth information in this course will allow students to turn the tables on computer attackers.

#### **NST 2414 ENCRYPTION TECHNIQUES**

**Prerequisite:** CSCI 1274 and CSCI 2204

Course is designed to show encryption techniques and use of algorithms.

#### **NST 2424 ADVANCED FIREWALLS AND NETWORK SECURITY**

**Prerequisite:** CSCI 2204. Identify elements of multi-layer firewall design, types of blended security threats, and responses to these security attacks. Examine best practices to design, implement, and monitor a network security plan, including personal, internal, and external firewalls. Examine best practices for implementing Intrusion Detection and Intrusion Prevention devices. Implement log comparison and the use of automated log management tools. Implement security incident postmortem reporting and ongoing network security activities.

#### **NST 2434 ADVANCED COMPUTER AND NETWORK FORENSICS**

This course addresses the use of Linux as a base for advanced computer and network forensic analysis. Analysis of the legal aspects of hacking, packet filtering, and other legal issues. Beginning with foundation concepts such as file system structures, MAC times, and basic forensic auditing, the content and difficulty level of this track advances rapidly. Students will learn how and when to use various tools such as the Sleuthkit, Autopsy Forensic Browser, the Windows Forensic Tool chest (WFT), and then quickly move on to advanced forensic and incident response topics and techniques. Intense, hands-on lab exercises and a deep-knowledge education into legal challenges and issues.

#### **NST 2443 SECURITY ASSESSMENT AND AUDITING**

Advanced experience for the security curriculum. Synthesizes technical material covered in prior courses to monitor, audit, analyze, and revise computer and network security systems to ensure appropriate levels of protection are in place.

#### **NST 2504 PROFESSIONAL PROJECT**

**Prerequisite:** NST 2314, NST 2414, NST 2424, NST 2434. Students complete a project designed to accurately simulate real-world security incident. Students demonstrate organizational skills, teamwork, and leadership skills to prepare them for the transition to the business environment.

#### **NST 2514 ADVANCED ENCRYPTION TECHNIQUES**

**Prerequisite:** NST 2414. Advanced use of encryption techniques to protect communications, files, and databases.

### **NST 2524 CISSP REVIEW**

Prerequisite: NST 2314, NST 2414, NST 2424, NST 2434. Course will cover the security concepts needed in order to take the CISSP® exam. This course is a review course that assumes the student has a basic understanding of networks and operating systems and focuses solely on the ten domains of knowledge as determined by ISC2. Each domain of knowledge is dissected into its critical component. Every component is discussed showing its relationship to each other and other areas of network security. After completion of the course the student will have a good working knowledge of the ten domains of knowledge.

### **NST 2533 SPECIAL TOPICS - CAPSTONE**

Prerequisite: NST 2314, NST 2414, NST 2424, NST 2434. This course will provide the student with a hands-on project that accurately simulates a real-world network incident scenario.

### **NST 2554 ADVANCED INTRUSION DETECTION AND TRAFFIC ANALYSIS**

Prerequisite: NST 2314, NST 2414, NST 2424, NST 2434. Students will learn practical hands-on intrusion detection and traffic analysis. This is an advanced program in network intrusion detection that focuses on either new or just updated material to reflect the latest attack patterns. This course utilizes network traces and analysis. The emphasis of this course is on increasing students' understanding of the workings of TCP/IP and methods of network traffic analysis. The student, with the knowledge/information provided here is better able to understand the qualities that go into a sound NIDS and the whys behind them, and thus, to be better equipped to make a wise selection for their future use.

## **NURSING ASSISTANT**

### **NA 1002 NURSING ASSISTANT TRAINING**

Course theory consists of studies in health care delivery in the long-term care facility. Content relates to understanding theory of human needs, infection control, safety measures, nutrition, and body mechanics. Classroom lab will enable the student to show return demonstration of theories covered in class prior to going to the clinical setting.

### **NA 1012 NURSING ASSISTANT LABORATORY AND CLINICAL**

Theory will be continued along with classroom labs prior to going to the clinical setting. Clinical

training consists of performing duties and skills related to infection control, safety, nutrition, body mechanics, and activities of daily living in the nursing home setting.

## **OCCUPATIONAL THERAPY ASSISTANT**

**All academic prerequisite courses must be completed for admission to the Occupational Therapy Assistant Program.**

### **OTA 1003 INTRODUCTION TO OCCUPATIONAL THERAPY**

Prerequisite: CSCI 1003. Students must have tested out of BSTD courses. Basic concepts of Occupational Therapy are to include philosophy, history, work settings, laws, ethics, and basic components of the profession. Occupational therapy terminology and medical terminology are emphasized.

### **OTA 1303 GROUP INTERVENTION SKILLS**

Prerequisite: OTA 1003, 2101, 2103, 2113, 2203 Occupational therapy intervention with groups. Planning and implementing group intervention; development of leadership/professional behaviors and evaluation of intervention and assistant interaction with clients. Acceptance in the Occupational Therapy Assistant Program.

### **OTA 1404 MENTAL HEALTH AND OCCUPATIONAL THERAPY INTERVENTIONS**

Prerequisite: OTA 1003 Occupational Therapy evaluation and treatment of individuals with psychosocial disorders. The DSM IV, drug therapy, and therapeutic techniques are an integral part of the learning process. Acceptance in the Occupational Therapy Assistant Program.

### **OTA 1503 OCCUPATION INTERVENTION, ANALYSIS, & APPLICATION**

Pre-requisite: OTA 1003, 2101, 2103, 2113, 2203. Analysis and teaching of purposeful activity throughout the lifespan with various cultures. Tools, basic techniques, safety addressed for crafts, fine arts, leisure, exercise, and wellness. Acceptance in the Occupational Therapy Assistant Program.

### **OTA 2101 INTERVENTIONS LABORATORY**

Prerequisite: OTA 1003. Practice of hands-on therapy skills for person transfers, muscle location, vital signs, reflex testing, sensory integration techniques, observation skills, culture

self-assessment, client interview, and use of self therapeutically. Acceptance in the Occupational Therapy Assistant Program.

**OTA 2103 PATHOLOGY & OCCUPATIONAL THERAPY INTERVENTIONS**

Prerequisite: OTA 1003. Study of disease and trauma processes in both the mental and physical realms. These pathological processes are commonly treated by occupational therapist. Role of Occupational Therapy with pathology is emphasized. Acceptance in the Occupational Therapy Assistant Program.

**OTA 2113 PEDIATRICS & OCCUPATIONAL THERAPY INTERVENTIONS**

Prerequisite: OTA 1003. Study of human development to include developmental concepts, reflex movement, postural control, cognition, perception, hand development, and oral motor as it relates to Occupational Therapy evaluation and treatment. Acceptance in the Occupational Therapy Assistant Program.

**OTA 2201 FIELDWORK LEVEL I**

Prerequisites: OTA 1003, 1404, 2101, 2103, 2113, 2203. Develops documentation and observation skills in clinical areas and applies theory to observation and experiences. Various occupational therapy settings. Acceptance into the Occupational Therapy Assistant Program.

**OTA 2203 GERIATRICS AND OCCUPATIONAL THERAPY INTERVENTIONS**

Prerequisite: OTA 1003 Occupational therapy intervention with elderly. Study of aging process, diseases and conditions, settings, reimbursement, public policy, culture, interventions and assistant roles. Acceptance into the Occupational Therapy Assistant Program.

**OTA 2303 ADVANCED CLINICAL MANAGEMENT**

Prerequisites: OTA 1003, 1404, 2101, 2103, 2113, 2203. Study of Occupational Therapy service management to include documentation, ethics, payment systems, laws, quality programs, infection control, supervision, team concepts, and OTR-COTA relationships. Acceptance in the Occupational Therapy Assistant Program.

**OTA 2304 ADVANCED OCCUPATIONAL THERAPY INTERVENTIONS**

Prerequisite: OTA 1003, 1303, 1404, 1503, 2101, 2103, 2113, 2201, 2203, 2303 Study and practice of advanced concepts and techniques of occupational therapy evaluation and intervention. Safe treatment interventions learned and practiced for various ages and diseases. Acceptance into the Occupational Therapy Assistant Program.

**OTA 2404 PHYSICAL DYSFUNCTION & OCCUPATIONAL THERAPY INTERVENTIONS**

Prerequisite: OTA 1003, 1303, 1404, 1503, 2101, 2103, 2113, 2201, 2203, 2303. Occupational Therapy evaluation and treatment techniques for cerebral vascular accident, head trauma, spinal cord injury, burns, amputation, orthopedics, developmental disorders, cardiac, neuromuscular disorders, muscle disorders, hand injuries, & multiple diagnoses. Acceptance into the Occupational Therapy Assistant Program.

**OTA 2504 ADVANCED CLINICAL INTERVENTION SKILLS**

Prerequisite: OTA 1003, 1303, 1404, 1503, 2101, 2103, 2113, 2201, 2203, 2303. Supervised experiences in performing aspects of occupational therapy process addressed within various settings, age ranges, and cultures. Independent performance is not emphasized. Acceptance in the Occupational Therapy Assistant Program.

**OTA 2514 FIELDWORK LEVEL II-A**

Prerequisite: OTA 1003, 1303, 1404, 1503, 2101, 2103, 2113, 2201, 2203, 2303, 2304, 2404, 2504. Supervised full time (35 hours a week for 8 weeks), in-depth, hands-on clinical experience. Must complete within 18 months of academic course work. Acceptance into the Occupational Therapy Assistant Program.

**OTA 2524 FIELDWORK LEVEL II-B**

Prerequisite: OTA 1003, 1303, 1404, 1503, 2101, 2103, 2113, 2201, 2203, 2303, 2304, 2404, 2504. Supervised full time (35 hours a week for 8 weeks), in-depth, hands-on clinical experience. Must complete within 18 months of academic course work. Acceptance into the Occupational Therapy Assistant Program.

## PHILOSOPHY

### PHIL 2003 INTRODUCTION TO PHILOSOPHY

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. This course is designed to acquaint the student with classic issues, ideas, thinkers, and strategies in the realm of philosophy. Special emphasis will be placed upon identifying and examining the philosophical positions that shape our lives today.

## PHYSICAL EDUCATION

### P E 1001 ACTIVITIES

Instruction and practice in sports and activities that contribute to present and future recreational needs, organic development, and fitness of the student. Instruction in the rules, strategies, social behaviors, and techniques of individual, dual, and team sports. (Two one-hour labs per week)

## PHYSICAL SCIENCE

### PHYS 2024/L THE PHYSICAL SCIENCES/LAB

Prerequisite: Pass BSTD 0113, BSTD 0213, and BSTD 0413 with a grade of "C" or better or make an appropriate score on the placement test. The principles of elementary physics, chemistry, and earth science for the non-science major. A core course in general education. (3 hours lecture, 2 hours lab)

## PHYSICAL THERAPIST ASSISTANT

### PTA 1002 INTRODUCTION FOR PHYSICAL THERAPIST ASSISTANTS

Prerequisite: completion of BSTD courses (exception BSTD 0513) History of physical therapy from WWI and polio epidemic to the present; similarities and differences in PT and PTA education, practice and responsibilities; medical ethics, legal practice, and current healthcare issues affecting physical therapy.

**The following PTA classes are open only to Physical Therapist Assistant students:**

### PTA 1204 PATHOPHYSIOLOGICAL CONDITIONS

Prerequisite: Admission to PTA Program. Co-requisites: PTA 1305, PTA 2303. Study of diseases and injuries seen in physical therapy (causes, prevalence, signs and symptoms, medical/surgical treatments and physical therapy

management); process of inflammation and healing; includes conditions affecting the neuromuscular, cardiopulmonary, endocrine, immune, vascular, and reproductive systems.

### PTA 1305/L APPLIED PHYSICAL THERAPY I/LAB

Prerequisite: Admission to PTA Program. Co-requisites: PTA 1204, PTA 2303. Safe patient handling techniques (vitals, CPR, transfers, positioning, sterile/clean technique); exercises (theories, ROM, stretching, resistance); gait assessment / training; measurement of joint motion, and documentation for PTAs. Lecture: three hours. Lab: four hours.

### PTA. 1406/L PHYSICAL THERAPY PROCEDURES/LAB

Prerequisites: PTA 1204, PTA 1305, PTA 2303. Co-requisites: PTA 1703, PTA 1505 Safe and effective use of therapeutic modalities used to treat musculoskeletal, neuromuscular, and medical conditions (biophysical basis, instrumentation, indications, contraindications, application, instruction, and documentation); wound care PVD; and stump care. Lecture: four hours. Lab: four hours.

### PTA 1505/L APPLIED PHYSICAL THERAPY II/LAB

Prerequisites: PTA 1204, PTA 1305, PTA 2303. Co-requisites: PTA 1703, PTA 1406 Therapeutic exercise techniques (resistive exercises, equipment, spinal exercises); posture assessment and treatment; muscle strength testing; PT for special populations (OB/GYNE, pulmonary and cardiac conditions, diabetes mellitus, PVD, geriatrics); therapeutic massage; and PNF. Lecture: three hours. Lab: four hours.

### PTA 1703 CLINICAL PRACTICUM I

Prerequisites: PTA 1204, PTA 1305, PTA 2303. Co-requisites: PTA 1406, PTA 1505 Five-week clinical internship focusing on patient safety, handling techniques, gait training, vitals, implementation of modalities, therapeutic exercises, goniometry, posture assessment/treatment; muscle strength testing; ethical/legal practice; and documentation/communication.

### PTA 2203/L NEURO AND REHAB FOR PHYSICAL THERAPIST ASSISTANTS/LAB

Prerequisites: PTA 1703, PTA 1505, PTA 1406 Co-requisite: PTA 2408 and PTA 2501. Neuroanatomy; normal and abnormal development; medical, surgical and physical

therapy management of neurological diseases/conditions; facilitation/inhibition techniques; PNF; motor control and developmental sequences techniques; orthotics; and functional and environmental assessment. Lecture: three hours. Lab: three hours.

### **PTA 2303 ADMINISTRATION AND MANAGEMENT FOR PHYSICAL THERAPIST ASSISTANTS**

Prerequisite: Admission to the PTA Program. Co-requisites: PTA 1305, PTA 1204 Reimbursement issues; ethical guidelines; laws affecting the practice of physical therapy; liability/malpractice issues; PTA communication and personal management skills; assessment of quality care; and resume preparation.

### **PTA 2408 CLINICAL PRACTICUM II**

Prerequisites: PTA 1703, PTA 1505, PTA 1406. Co-requisites: PTA 2203 and PTA 2501. Eleven weeks of clinical internships (one 5-week, one 6-week) focused on mastery of assessment and treatment of musculoskeletal, neurological, surgical, and medical conditions/injuries; safe/ethical practice; professional development; preparation of in-service; and case studies/presentations.

### **PTA 2501 PTA SEMINAR**

Prerequisite: PTA 1703, PTA 1505, PTA 1406. Co-requisites: PTA 2203 and PTA 2408. Review of PTA program content through systematic study of PTA assessment skills, PTA treatment implementation, and professionalism for the physical therapist assistant.

## **PHYSICS**

### **PHY 1114/L APPLIED PHYSICS/LAB**

Prerequisite: One year high school algebra, or BSTD 0413, or its equivalent. A survey of selected topics in Physics. Mechanics, fluid mechanics, heat, and electricity will be studied. (3 hours lecture, 2 hours laboratory)

## **POLITICAL SCIENCE**

### **PSCI 2003 AMERICAN GOVERNMENT: NATIONAL**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. A survey of the American National Government including the Constitution; structure and operation of the presidency in action.

### **PSCI 2013 AMERICAN GOVERNMENT: STATE AND LOCAL**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. An overall examination of the institutions and operations on the state and local government level with special emphasis upon the structure and policies of the Arkansas political system.

## **PRACTICAL NURSING**

### **PNS 1101 GERIATRICS**

Prerequisite: Admission to LPN program. This course is designed to include an understanding of the aging process and the modification of nursing care to accommodate the older adult. Also included are lessons related to loss, grief, and death, as well as the mental health of older adults.

### **PNS 1102 PHARMACOLOGY I**

Prerequisites: Admission to the LPN program. This course is designed to prepare the student nurse to safely and accurately prepare and administer drugs to the infant, child, and adult. Emphasis is placed on implication for nursing care. The course includes a brief review of math/conversions, introduction to pharmacology, methods of drug administration, along with formulas for calculating drug dosages, and side effects/adverse reactions of medication administration to observe for.

### **PNS 1106 BASIC NURSING PRINCIPLES**

Prerequisites: Admission to the LPN program. This course is designed to prepare students in the fundamental principles, skills, and attitudes needed to give nursing care to patients at each stage of the human life cycle; instructions in the prevention of spread of disease; common procedures used in the care of the sick and the development of the ability to adapt them to various situations with skill, safety, and comfort for the patient; and, the development of an awareness of responsibility to make, report, and record observations.

### **PNS 1111 VOCATIONAL, LEGAL, & ETHICAL ISSUES**

Prerequisites: Admission to the LPN program. This course is designed to initiate person and professional growth in nursing. The course will identify ethical, legal, and social responsibilities with patients, families, and co-workers. It will develop communication skills and vocational responsibilities of the practical nurse and care of



patients at each stage of the human life cycle. This course will provide functional knowledge of professional nursing organization on the local, state, and national level, and to identify methods to access local, state, and national health resources.

#### **PNS 1112 BODY STRUCTURE AND FUNCTION**

Prerequisites: Admission to the LPN program. This course is designed for the first semester practical nursing student. It covers basic information necessary for a general understanding of the structure and function of the human body. There are two basic themes throughout the course; the first is the relationship between structure and function and the second is homeostasis – the idea that each organ system is important in sustaining life and what happens when the balance is disturbed.

#### **PNS 1142 PRACTICUM IA**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of the geriatric patient, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

#### **PNS 1144 PRACTICUM IB**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of the geriatric patient, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

#### **PNS 1146 PRACTICUM IC**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of the geriatric patient, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

#### **PNS 1202 MEDICAL SURGICAL NURSING IA**

Prerequisites: Admission to the LPN program. This course includes information concerning common conditions of illness and nursing care of clients with disorders of the blood/lymph system and the integumentary system.

#### **PNS 1204 MEDICAL SURGICAL NURSING IB**

Prerequisites: Admission to the LPN program. This course includes information concerning

common conditions of illness and nursing care of clients with disorders of the blood/lymph system and the integumentary system.

#### **PNS 1206 MEDICAL SURGICAL NURSING IC**

Prerequisites: Admission to the LPN program. This course includes information concerning common conditions of illness and nursing care of clients with disorders of the blood/lymph system and the integumentary system.

#### **PNS 1212 PHARMACOLOGY II**

Prerequisites: Admission to the LPN program. The course is designed to provide knowledge about drugs commonly used in the treatment of illnesses, including such information as usual dosage, expected outcomes, side effects/adverse reactions, contraindications, and points of observation following the administration of medications. This course involves the cardiac system and the medication associated with this particular system.

#### **PNS 1222 NURSING MOTHERS AND INFANTS**

The theory portion of Nursing of Mothers/Infants includes principles of nursing care during the prenatal, labor, delivery, postpartum, and neonatal periods. Nutrition and pharmacology for mother and infant is included. Family planning including birth control methods and fertility are discussed.

#### **PNS 1232 NURSING CHILDREN**

Prerequisites: Admission to the LPN program. This course is an introduction to the nursing of children. It includes a study of growth and development, disease conditions peculiar to children in all stages, the impact of illness on the child and family in both in-patient and out-patient setting, nursing care of the dying child, and provides an understanding of the effect of development on disease and illness in the in-patient and out-patient setting.

#### **PNS 1242 PRACTICUM IIA**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of children, nursing of mother and infant, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

#### **PNS 1244 PRACTICUM IIB**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory

taught in the classroom. It includes directed experiences in basic nursing principles, nursing of children, nursing of mother and infant, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

**PNS 1246 PRACTICUM IIC**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of children, nursing of mother and infant, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

**PNS 1301 MENTAL HEALTH AND CARE OF THE MENTALLY ILL**

Prerequisites: Admission to the LPN program. This course includes information concerning an introduction to common conditions of mental illness, prevention of those conditions, and the care of patients suffering from abnormal mental and emotional illnesses across the life span.

**PNS 1302 PHARMACOLOGY III**

Prerequisites: Admission to the LPN program. This course includes an introduction to pharmacology, methods of administration, drugs commonly used in the treatment of illness, and such information as usually dosages, actions and uses of drugs, expected actions, side effects/adverse effects, contraindications, and points of observation following the administration of drugs. This course also includes the Nursing Process for different drug classes including premedication observations.

**PNS 1312 MEDICAL SURGICAL NURSING IIA**

Prerequisites: Admission to the LPN program. This course includes information concerning common conditions of illness and nursing care of clients with disorders of the cardiovascular system, respiratory system, endocrine system, neurological/sensory system, oncology disorders, musculoskeletal system, gastrointestinal system, renal system, reproductive system/STDs/HIV, and the immune system.

**PNS 1314 MEDICAL SURGICAL NURSING IIB**

Prerequisites: Admission to the LPN program. This course includes information concerning common conditions of illness and nursing care of clients with disorders of the cardiovascular system, respiratory system, endocrine system, neurological/sensory system, oncology disorders,

musculoskeletal system, gastrointestinal system, renal system, reproductive system/STDs/HIV, and the immune system.

**PNS 1316 MEDICAL SURGICAL NURSING IIC**

Prerequisites: Admission to the LPN program. This course includes information concerning common conditions of illness and nursing care of clients with disorders of the cardiovascular system, respiratory system, endocrine system, neurological/sensory system, oncology disorders, musculoskeletal system, gastrointestinal system, renal system, reproductive system/STDs/HIV, and the immune system.

**PNS 1324 MEDICAL SURGICAL NURSING III**

Prerequisites: Admission to the LPN program. This course includes information concerning common conditions of illness and nursing care of clients with; cardiovascular system, respiratory system, endocrine system; renal system; neurological/sensory system; oncology; blood/lymph system; integumentary system; musculoskeletal system; and gastrointestinal/exocrine system.

**PNS 1342 PRACTICUM IIIA**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of the geriatric patient, nursing of children, nursing of mother and infant, nursing of the mentally ill, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

**PNS 1346 PRACTICUM IIIB**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of the geriatric patient, nursing of children, nursing of mother and infant, nursing of the mentally ill, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

**PNS 1353 NCLEX PREPARATION AND PROFESSIONAL DEVELOPMENT**

Prerequisites: Admission to the LPN program. This course is designed to assist the student in understanding the qualities needed to advocate for the client in situations requiring leadership and management in day to day practice. The course will further develop the idea that

leadership is not the sole responsibility of those in positions of authority. This course will consist of other areas crucial for a novice nurse including: providing basic understanding of the art of delegation; reviewing nursing delivery models; providing the student the opportunity to develop a professional portfolio; strengthening job interviewing skills; and preparing for the NCLEX-PN registration process.

#### **PNS 1414 PRACTICUM IV**

Prerequisites: Admission to the LPN program. This course is designed to reinforce the theory taught in the classroom. It includes directed experiences in basic nursing principles, nursing of the geriatric patient, nursing of children, nursing of mother and infant, nursing of the mentally ill, nursing of adults with medical-surgical conditions, and nursing across the lifespan.

### **PROCESS INSTRUMENTATION**

#### **IDEL 1304 SOLID STATE/ANALOG CIRCUITS**

Pre-requisite IDEL 1007. Classroom and lab instruction cover inductive, capacitive, and reactive circuits, filter and diode applications, power supply circuits, amplifier circuits, operational amplifiers, and thyristors. (3 hours lecture, 3 hours lab.)

#### **IDEL 1504 BASIC DIGITAL TECHNOLOGY**

Pre-requisite/co-requisite: IDEL 1007. Basic Digital Technology is a course designed to introduce students to the fundamental concepts being encountered in digital electronics. Students will learn from classroom and lab instruction. Topics covered will be numbering systems and codes used in digital circuits, basic logic gates, encoders and decoders, flip-flops, counters, and registers. (3 hours lecture, 3 hours lab)

#### **IDEL 1804 INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS**

Pre-requisite: IDEL 1007 or TECH 1043 (Basic Electricity) or permission of instructor. A course designed to familiarize students with ladder logic diagrams, wiring of PLC hardware components, and basic programming of discrete operations. These applications will involve motor starting, timer, counter, and sequencing in ladder logic diagrams. (3 hours lecture, 3 hours lab)

#### **IDEL 2403 TRANSDUCERS**

Pre-requisite: IDEL 1007. Theory and applications of photo-electric, temperature, motion, position detection, and other types of transducers are introduced. HMI (Human-Machine Interface Software) will also be covered. (2 hours lecture, 2 hours lab)

#### **IDEL 2504 PLC PROCESS INSTRUMENTATION**

Pre-requisite: IDEL 1804. This course is a continuation of Introduction to Programmable Logic Controllers involving the interfacing of devices such as variable frequency drives, transducers, and PID controls as well as advanced arithmetic functions and digital and analog inputs and outputs. Troubleshooting techniques will be introduced. (3 hours lecture, 3 hours lab.)

#### **IDEL 2604 PROCESS INSTRUMENTATION**

Pre-requisite: IDEL 1304. This course is structured around electronic process controls and various types of instrumentation interfaces. Topics covered will be closed loop and open loop process controls; feedback circuits that involve temperature, pressure, and flow characteristics; monitoring of process controls to determine stability, deviation, and other parameters. (3 hours lecture, 3 hours lab.)

#### **IDEL 2703 MICROPROCESSOR FUNDAMENTALS**

Pre-requisite: IDEL 1504. This course is intended to introduce students to the architecture and operation of microprocessors. Students will learn from classroom and lab instruction. Topics covered will be the 68000 microprocessor, assembly level programming, typical memory interface, input and output interfacing, internal registers, buffers, and data transmission involved in microprocessors. (2 hours lecture, 2 hours lab)

### **PSYCHOLOGY**

#### **PSYC 2003 GENERAL PSYCHOLOGY**

Prerequisite: Pass BSTD 0113 with a grade of "C" or better or equivalent score on placement test. An introduction to the scientific study of behavior and mental processes. Topics include, but are not limited to, the scientific method; biological basis of behavior; physical-social-emotional-and cognitive development, learning, and personality; psychological disorders; psychotherapy; and social interaction. Both research and applications to our everyday lives will be studied.

**PSYC 2203 ABNORMAL PSYCHOLOGY**

Prerequisite: Pass PSYC 2003 with a grade of “C” or better. An introduction to the description, causes, and treatment of abnormal behavior patterns. Topics include, but are not limited to, the scientific method; historical and contemporary perspectives on abnormal behavior; classification and assessment of abnormal behavior; and major psychological disorders and their treatment. Both research and applications to our everyday lives will be studied.

**PSYC 2223 DEVELOPMENTAL PSYCHOLOGY**

Prerequisite: Pass PSYC 2003 with a grade of “C” or better. An introduction to how humans change and remain the same from conception to death. Topics include, but are not limited to, the scientific method; theories of development; heredity and environment; conception and prenatal development; and the biosocial, cognitive, and psychosocial development across all stages of life. Both research and applications to our everyday lives will be studied.

**RADIOLOGIC TECHNOLOGY**

**RADT 1001 INTRODUCTION TO RADIOGRAPHY**

Prerequisite: All basic skills must be completed before signing up for the class. An introduction to the history of radiography and the health care profession. Includes an introduction to the RT program with emphasis placed on class and clinical requirements.\*

**The following RADT classes are open only to Radiologic Technology students:**

**RADT 1101 MEDICAL TERMINOLOGY FOR RADIOGRAPHERS**

An introduction to the language of Radiologic Technology. Emphasis is on the techniques of medical word building and basic elements of medical words and their pronunciation.

**RADT 1102 PATIENT CARE AND PROTECTION I**

Principles of routine and emergency patients. Infection control and medication administration will be emphasized.

**RADT 1222 IMAGE PROCESSING AND PROCEDURES**

A comprehensive study of image production and

processing. Composition and care of films and screens will be included.

**RADT 1113 RADIOGRAPHIC EXPOSURE**

An in depth study of factors influencing radiographic film quality.

**RADT 1122 PATIENT CARE AND PROTECTION II**

Continuation of principles of routine and emergency patient care. Emphasis will be placed on ethics and law, human diversity, communication, and patient education. Basic pharmacology will also be covered.

**RADT 1123 IMAGING MODALITIES**

A study of the production of images in fluoroscopy, special procedures, U/S, C/T, MRI, and NM.

**RADT 1213 ORIENTATION/CLINICAL EDUCATION I**

Introduction to the hospital setting. Directly supervised students assist and perform examinations covered in RADT 1214.

**RADT 1214 POSITIONING PROCEDURES I**

Radiographic positioning of the chest, abdomen, and gastrointestinal tract along with biliary and renal systems. Emphasis on evaluating patient condition and pathologies to obtain a diagnostic radiograph. Laboratory is required with this course. (F)

**RADT 1223 CLINICAL EDUCATION II**

Prerequisite: RADT 1214. Continued supervised performance in previous exams studied along with procedures covered in RADT 1304.

**RADT 1304 POSITIONING PROCEDURES II**

Prerequisite: RADT 1214. Radiographic positioning of the upper and lower extremities, pelvis, spine, and bony thorax. Conditions or pathologies will also be covered. Laboratory required.

**RADT 1332 CLINICAL EDUCATION III**

Prerequisite: RADT 1223. Continued supervised performance in previous examinations covered in RADT 1214 and RADT 1304. Completion of spine, pelvis, and bony thorax required.

**RADT 1423 POSITIONING PROCEDURES III**

Prerequisite: RADT 1304. Radiographic

positioning of the head and neck region. Advanced positions for unusual patient conditions or pathologies will also be covered.

#### **RADT 2002 FILM EVALUATION**

Prerequisite: RADT 1113. Comprehensive analysis of the diagnostic radiographic image. Emphasis on recognizing and solving image problems.

#### **RADT 2012 QUALITY ASSURANCE**

Prerequisite: RADT 1113. Methods and procedures in radiographic quality control. Emphasis on evaluation of data from quality assurance testing procedures.

#### **RADT 2116 ADVANCED CLINICAL EDUCATION I**

Prerequisite: RADT 1332. Includes advanced and elective rotations. Continued refinement of procedures learned in RADT 1214, RADT 1304 and RADT 1424 with indirect supervision.

#### **RADT 2202 RADIATION PHYSICS**

Study of the physics of Radiologic technology. Emphasis on x-ray production and equipment.

#### **RADT 2223 SPECIAL PROCEDURES**

An in-depth study of the more specialized examinations performed in diagnostic radiology.

#### **RADT 2236 ADVANCED CLINICAL EDUCATION II**

Prerequisite: RADT 2116. Includes advanced elective rotations. Continued refinement of procedures mastered in RADT 1214, RADT 1304, and RADT 1424. Completion of special procedures required.

#### **RADT 2303 SEMINAR II**

Overview of radiography. Emphasis on application of knowledge. Includes section on professional writing.

#### **RADT 2312 ADVANCED CLINICAL EDUCATION III**

Prerequisite: RADT 2236. Includes advanced and elective rotations. Completion of trauma radiology required, along with final demonstration of entry-level clinical skills for all covered procedures.

#### **RADT 2313 RADIATION BIOLOGY**

Basics of radiation biology. Emphasis on genetic and somatic effects of radiation and the need for radiation protection.

#### **RADT 2403 SEMINAR I**

Study of pathological and trauma conditions confronted in radiography. Emphasis on the proper treatment of the patient.

### **REGISTERED NURSING**

#### **RNSG 2113 MATH FOR NURSES**

Prerequisite: Pass BSTD 0413 with grade of "C" or better. Provides instruction in dosage calculation using ratio to proportion as well as other means of calculation related to medication. Topics include: interpretation of drug labels, syringe types, conversions, Roman numerals, reconstitution and apothecaries, mixing medications, IV flow rates, drip rates, interpretation of physician orders and transcribing to Medication Administration Records, dispensing, proper documentation of medications, the Six Rights of Medication Administration, and military time.

#### **RNSG 2119: NURSING PROCESS I**

Prerequisite: Admission to the ARNEC program. Co-requisite: RNSG 2123. This course provides the foundational theory for LPNs/LPTNs to transition to the responsibilities and roles of RNs. The student is introduced to ARNEC's goals, philosophy, and learning objectives. These objectives will build on the concepts of holism, human need, nursing process, communications, safety, and wellness-illness across the life span. The student's fundamental knowledge base will evolve by introducing knowledge, assessment and clinical skills, behaviors, and critical thinking skills that are required to function in the role as a Registered Nurse. This course also explores the legal, ethical, and social issues related to the Registered Nursing role. Basic pharmacology and fundamental nursing theory, skills, and medical math will be reviewed to prepare students for subsequent semesters.

This course also provides lecture content for the age group involving the newborn through adolescence (pediatrics). The student will be provided a longitudinal view of the child as an individual on a continuum of developmental changes and as a member of a family unit. There will be discussion of social, cultural, and religious influences on child development and health promotion. Students will receive instruction on pediatric assessment, including interviewing skills, physical and behavioral observations, developmental levels, and

preventive health care guidelines. Instruction will also include care of the child with cognitive and sensory impairment, chronic illness, serious body system diseases, and pain. Care of the hospitalized child, including pediatric clinical procedures, and home care guidelines are incorporated into the content.

Spring only. (9 hrs credit, 9 hrs/wk lecture)

### **RNSG 2123: NURSING PRACTICUM I**

**Prerequisite:** Admission to the ARNEC program. **Co-requisites:** RNSG 2119. This clinical lab course enables the student to practice the knowledge, skills, and behaviors that are acquired in RNSG 2119. Students will have opportunity to learn new clinical skills along with sharpening previously learned skills. Practicum hours will include general clinical skills, medication administration, pediatric client care, and medical/surgical client care. Students are introduced to the role of the Registered Nurse by applying new skills in the assessment, planning, intervention, and evaluation of their clients. Curriculum concepts and comprehension are carried out per clinical application. Spring Only. (3 hrs credit, 9 hrs/wk practicum)

### **RNSG 2142: HEALTH ASSESSMENT FOR THE RN**

This course builds on the RN's knowledge and skills in health assessment. Students further develop skills of history taking, inspection, palpitation, percussion, and auscultation and documentation of the health assessment. Normal findings and cultural and age variations of adults are emphasized.

This course meets the requirement for N3312: Health Assessment for Advanced Placement in the Baccalaureate Nursing program at the University of Arkansas for Medical Sciences College of Nursing.

### **RNSG 2216: NURSING PROCESS II**

**Prerequisite:** RNSG 2119, RNSG 2123. **Co-requisite:** RNSG 2223. This first part of this course utilizes an integrated approach to further emphasize the skills, knowledge, and behaviors needed to care for clients in the areas of the child-bearing family, newborn, and women's health. Topics will include normal and high-risk client care in the areas of the prenatal period, labor and delivery, postpartum, and the newborn period. The emerging field of genetics, major genetic diseases, and the role nurses play is also incorporated. Lecture content also includes human reproduction, reproductive health, family

planning, female cancers, and general women's health care. The second part of this course provides principles and concepts of mental health, psychopathology, and treatment modalities related to the nursing care of clients and their families. The focus of this course is on the psychosocial impact of wellness-illness problems of the adolescent, adult, and geriatric populations and the management and adaptation process. The course objectives will incorporate holism, human needs, growth and development, communications, safety, and wellness-illness across the life span for clients in these areas. *Summer only* (6 hrs credit, 8 hrs/wk lecture)

### **RNSG 2223: NURSING PRACTICUM II**

**Prerequisite:** RNSG 2119, RNSG 2123. **Co-requisite:** RNSG 2216. This clinical experience allows the student to synthesize new knowledge, apply previous knowledge, and gain experience in care of the child-bearing family, newborn, and women's health. Students also use their skills in assessing and caring for children and adults with genetic abnormalities. This course also provides students with the opportunity to provide nursing care to adolescent, adult, and geriatric clients with mental illness. Students will observe and participate in treatment modalities for common mental illnesses, including therapeutic communication and safety planning. Students will engage in the clinical application of concepts covered in RNSG 2216, demonstrating progressive mastery and independence in Registered Nursing practice. *Summer only* (3 hrs credit, 9 hrs/wk practicum)

### **RNSG 2318: NURSING PROCESS III**

**Prerequisites:** RNSG 2216, RNSG 2223. **Co-requisite:** RNSG 2311, RNSG 2323. This course builds upon the previous instruction and incorporates higher level nursing care, critical thinking, and clinical decision making. Management and leadership are strongly incorporated throughout this course. The student will learn to function in higher level situations by utilizing the nursing process as a framework for caring for clients with complex healthcare needs related to all body systems. The student will learn basic care methodology for clients in emergency (including bioterrorism preparedness), critical care, surgical care, and acute care and long-term care settings. Advanced pharmacological concepts are also integrated into this course. Concepts of holism, human needs, growth and development, communications, safety, and wellness-illness across the life span are incorporated. Fall only. (8 hrs credit, 8 hrs/wk lecture)

**RNSG 2323: NURSING PRACTICUM III**

Prerequisites: RNSG 2216, RNSG 2223. Co-requisite: RNSG 2318, RNSG 2311. This clinical experience continues to build upon previous instruction and allows the student to deliver higher level nursing care, perform higher level clinical decision making, and demonstrate management and leadership skills. Team leading and care of critically-ill clients are major components of this course. Students will engage in the clinical application of concepts covered in RNSG 2318, demonstrating independence and mastery of the role of an entry level Registered Nurse. Fall only. (3 hrs credit, 9 hrs/wk practicum)

**RNSG 2311: NCLEX-RN PREPARATION**

Prerequisites: RNSG 2216, RNSG 2223. Co-requisite: RNSG 2318, RNSG 2323. This course offers the student a review of material covered throughout the program. Students will receive test-taking strategies and an opportunity to practice NCLEX-style questions. The focus of this course is to review the student on what is needed to prepare for the NCLEX-RN and to begin their role as an entry-level Registered Nurse. Fall only. (1 hr credit, 1 hr/wk lecture)

<b>SOCIOLOGY</b>
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**SOC 2003 INTRODUCTION TO SOCIOLOGY**

An introduction to the theories, concepts, and basic principles used in the study of group life, social institutions, and social processes. The student will demonstrate understanding of sociological perspective; sociological theories and methods; social institutions; culture and society; socialization; groups and organizations; social inequality, and globalization.

**SOC 2033 MARRIAGE AND THE FAMILY**

A study of the problems of courtship, marriage, parenthood, and the family.

<b>SOUTHARK SUCCESS</b>
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**SAS1001 CONNECTIONS**

This course is designed as a student orientation to South Arkansas Community College. First-time, full-time students who do not test into two or more Basic Studies courses are required to take this course. Other interested students are welcome to take this course. The course information will be delivered as a series of presentations by various SouthArk

administrators, faculty, and staff, as well as community members. This course is a Pass/Fail (A/F) course. Students will receive grades based on attendance, quizzes, and participation.

**SAS1003 SOUTHARK SUCCESS**

This student survival course is designed to increase the student's success in college. A course required for all first-time, full-time freshmen who have tested into two or more basic studies courses, FYI covers material needed to be successful in college: time management, test taking, note taking, memory skills, study techniques, and library use. Introduction to college procedures, facilities, and services. Participation in exercises exploring educational goals. Emphasis on independent learning. (F, S, D)

<b>SPANISH</b>
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**SPAN 1014, 1023 ELEMENTARY SPANISH I, II**

A functional approach to the acquisition of the four-fold communication skills: intensive oral drill, analysis of basic patterns, conversation, application of the essentials of grammar in oral and written exercises, and simple reading assignments. Regular practice required. 1023 has the prerequisite passing SPAN 1014 with a grade of "C" or better.

<b>SPEECH</b>
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**SPCH 1113. PRINCIPLES OF SPEECH**

Principles of effective speaking; emphasis on both speaking techniques and listening.

<b>SURGICAL TECHNOLOGY</b>
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**SURG 1002 INTRODUCTION TO HEALTH SCIENCES**

Prerequisites: Admission to the SACC Surgical Technology program. Co-requisites: SURG 1103, 1106, 1122, and 1132. This course is designed to introduce the student to the health care delivery system and emphasizes the role and responsibility of health care team members. Discussion will also include the history and scope of practice of the surgical technologist, factors influencing the delivery of service, relationships and communication with other health care providers, professional behaviors; legal and ethical issues related to health care; and basic overview of computer skills. (2 credit hours) (F)

### **SURG 1103 PRINCIPLES OF PHARMACOLOGY AND ANESTHESIA**

Prerequisites: Admission to the SACC Surgical Technology program. Co-requisites: SURG 1002, 1106, 1122, and 1132. This course introduces the principles of pharmacologic agents used in the perioperative setting. It includes weights and measures, dosage calculations, and stresses drug identification, handling, and usage. (3 credit hours) (F)

### **SURG 1106 FUNDAMENTALS OF SURGICAL TECHNOLOGY**

Prerequisites: Admission to the SACC Surgical Technology program. Co-requisites: SURG 1002, 1103, 1122, and 1132. This course introduces the student to the fundamentals of surgical technology. Topics included but not limited to are the physical environment of the surgical suite; roles of the surgical team including the surgical technologist; basic skills needed to meet physical, spiritual, and psychological needs of the surgical patient; asepsis including preparation, sterilization, and disinfection of supplies used in surgery; and basic case preparation, including creation and maintenance of the sterile field, draping principles, instrumentation, sutures, OR furniture and supplies, specialty equipment; and safety in the surgical environment. (6 credit hours) (F)

### **SURG 1122 FUNDAMENTALS OF SURGICAL TECHNOLOGY SKILLS LABORATORY**

Prerequisites: Admission to the SACC Surgical Technology program. Co-requisites: SURG 1002, 1103, 1106, and 1132. Student will observe and demonstrate the principles and procedures taught in SURG 1106 in the laboratory setting. This experience provides the student the opportunity to practice skills in a non-patient contact environment prior to the clinical experience. (2 credit hours) (F)

### **SURG 1132 SURGICAL TECHNOLOGY PRACTICUM I**

Prerequisites: Admission to the SACC Surgical Technology program. Co-requisites: SURG 1002, 1103, 1106, and 1122. Student is introduced to the health care facility. The course includes supervised clinical experiences which will include assignment to cases which will involve care and use of instruments and surgical supplies, sterilization and disinfection, and multiple opportunities to scrub for basic surgical procedures. (2 credit hours) (F)

### **SURG 1202 SURGICAL PROCEDURES I**

Prerequisites: SURG 1002, 1103, 1106, and 1132. Co-requisites: SURG 1222, and 1216. This course prepares the student for surgical procedures with correlation of surgical anatomy, pathophysiology, and emphasis placed on the knowledge of the operative sequence throughout surgical procedures. Procedures included are general surgery, obstetric and gynecologic, and ophthalmic. (2 credit hours) (S)

### **SURG 1206 PERIOPERATIVE TECHNIQUES AND PROCEDURES**

Prerequisites: SURG 1002, 1103, 1106, 1122, and 1132. Co-requisites: SURG 1222, and 1216. This course is a continuation of SURG 1106 with study of advanced principles and techniques of surgical procedures. Topics included but not limited to are aseptic technique and infection control practices; duties of the circulator and scrub technologist; advanced instrumentation and suture materials; wound healing and hemostasis; preoperative, intraoperative, and postoperative care; diagnostic procedures and tests; basic overview of biomedical sciences including electricity, physics, and robotics; overview of endoscopic procedures and techniques; and surgical complications. (6 credit hours) (S)

### **SURG 1216 SURGICAL TECHNOLOGY PRACTICUM II**

Prerequisites: SURG 1002, 1103, 1106, 1122, and 1132. Co-requisites: SURG 1206, 1222, and 1202. Continuation of Surgical Technology Practicum I with student advancing to moderately complex surgical cases. An advanced level of proficiency is achieved in all areas of the operating room. (6 credit hours)

### **SURG 1222 PERIOPERATIVE TECHNIQUES AND PROCEDURES SKILLS LABORATORY**

Prerequisites: SURG 1002, 1103, 1106, 1122, and 1132. Co-requisites: 1206, 1202, and 1216. Student will observe and demonstrate the principles and procedures taught in SURG 1206 in the laboratory setting. This experience provides the student the opportunity to practice skills in a non-patient contact environment prior to the clinical experience. (2 credit hours)

### **SURG 1302 SURGICAL PROCEDURES II**

Prerequisites: SURG 1002, 1103, 1106, 1122, 1132, 1206, 1222, 1202, and 1216. Co-requisites: 1305. This course prepares the student for surgical procedures with correlation of surgical anatomy, pathophysiology, and



emphasis placed on the knowledge of the operative sequence throughout surgical procedures. Procedures included are ENT, plastic and reconstructive procedures, genitourinary, and orthopedics. (2 credit hours)

### **SURG 1305 SURGICAL TECHNOLOGY PRACTICUM III**

Prerequisites: SURG 1002, 1103, 1106, 1122, 1132, 1206, 1222, 1202, 1216. Co-requisites: SURG 1302 and 1322. Continuation of Surgical Technology Practicums I and II with student advancing to a functional role in all subspecialty areas of the operating room. (5 credit hours)

### **SURG 1322 SURGICAL PROCEDURES III**

Prerequisites: SURG 1002, 1103, 1106, 1122, 1132, 1206, 1222, 1202, 1216, and 1302. Co-requisites: SURG 1305. This course prepares the student for surgical procedures with correlation of surgical anatomy, pathophysiology, and emphasis placed on the knowledge of the operative sequence throughout surgical procedures. Procedures included are cardiothoracic, peripheral vascular, and neurosurgical. (2 credit hours)

## **TECHNOLOGY**

### **TECH 1003 TECHNICAL MATHEMATICS**

This course is a general survey of applied mathematics beginning with a review of whole numbers, common fractions, and decimals and continuing through basic algebra and trigonometry. Emphasis is practical mathematics in various disciplines of technology.

### **TECH 1203 INDUSTRIAL SAFETY**

An introductory course dealing with methods and programs utilized by industry to prevent injury and fatalities. This course covers mandatory safety training, interpretation of warning labels and signs, OSHA, industrial hazards and how to avoid them. This course also emphasizes personal responsibility for safety. Other topics include crane and hoisting equipment, chain and wire rope slings, machine guarding, electrical hazards, low- and high-pressure boiler safety, hydraulic/pneumatic system safety procedures, and equipment lock-out procedures. (3 hours lecture)

### **TECH 2001 SPECIAL TOPICS**

Co-requisite: Second semester sophomore standing. Each student will be assigned a

design project related to the course work completed. A complete design analysis must be submitted and the project will be constructed and tested. (3 hours lab)

### **TECH 2003 WORK-BASED LEARNING**

Prerequisite: Instructor and division chair approval prior to start of semester. Second semester sophomore standing. Work-based learning is a comprehensive treatment of relevant work experience related to the student's major field of study. It includes cooperative education, apprenticeships, extended job shadowing, internships, and other systematic planned work experience. Faculty and employers work together with students to ensure the relationship between classroom instruction and work experience.

### **TECH 2111, 2112, 2113, 2114 SELECTED TOPICS IN INDUSTRY**

Prerequisite: Approval of industry affiliate. A survey of various topics within the field of industry to meet specialized needs. Credit varies depending upon length of study. (One to four semester hours)

### **TECH 2614 INTERNSHIP**

The Career and Technical Education Internship is designed to offer students a purposeful experience in their chosen career path. The internship is an individualized learning experiences and a training plan is created for each student in conjunction with the internship site to provide experiences related to the skills and knowledge covered in the students program of study. On-site evaluations of the student will be conducted by the facility to ensure quality work. (4 credit hours, 120 contact hours)

## **TRUCK DRIVING**

### **TRD 1007 TRUCK DRIVING**

Lecture and hands-on driving instruction prepares the student to take the Class A CDL examination. Instructional areas include health wellness, stress management, driving safety, defensive driving, map reading, log book, preparation for commercial driving examination, pre-trip inspection, cargo loading and securing, serpentine backing, straight line backing, coupling and uncoupling, shifting gears of vehicle, turning, and on-the-road driving skills.

## WELDING TECHNOLOGY

### **WLD 1114/L SMAW I WELDING**

The study of the principles and procedures behind Shielded Metal Arc Welding. The course will cover electrode classifications as well as welding machine characteristics, and help the student understand the application behind SMAW welding by making surface, fillet, and some groove welds in various positions with various electrodes. This course will also give the student an opportunity to take an AWS 1G-certification test on steel plate. During the course, the student will also learn how to properly set up and use an oxygen/acetylene cutting torch, and be able to perform certain tasks with it. (2 hours lecture, 3 hours lab)

### **WLD 2114/L SMAW II WELDING**

Prerequisite: WLD 1114 or consent of instructor. The course covers the practical application of SMAW equipment by welding AWS certification tests in all positions on steel plate and steel pipe. The student will also gain knowledge of the tools used to weld and prepare pipe of various diameters. Upon completion of this course, the student is required to pass at least one AWS certification test on plate or pipe by a guided bend test or x-ray. (2 hours lecture, 3 hours lab)

### **WLD 1214/L GMAW I WELDING (MIG) LAB**

The study of the principles and procedures behind Gas Metal Arc Welding. The course will cover electrode classifications as well as welding machine characteristics, and help the student understand the application behind GMAW welding by making surface, fillet, and some groove welds in various positions. This course will also give the student an opportunity to take an AWS 1G-certification test on steel plate. During the course, the student will also learn how to properly set up and use an arc gouger, and be able to perform certain tasks with it. (1-hour lecture, 6 hours lab)

### **WLD 2214/L GMAW II WELDING (TIG)/LAB**

Prerequisite: WLD 1214 or permission of the instructor. The course covers the practical application of GMAW equipment by welding AWS certification tests in all positions on steel plate and steel pipe. The student will also gain knowledge of the tools used to weld and prepare pipe of various diameters. The student will also get an introduction to welding aluminum with the GMAW process. Upon completion of this course,

the student is required to pass at least one AWS certification test on plate or pipe by a guided bend test or x-ray. (1-hour lecture, 6 hours lab)

### **WLD 1224/L GTAW I WELDING (TIG)/LAB**

The principles and procedures behind Gas Tungsten Arc Welding. The course will cover electrode classifications as well as welding machine characteristics, and help the student understand the application behind GTAW welding by making surface, fillet, and some groove welds in various positions. This course will also give the student an opportunity to take an AWS 1G-Certification test on steel plate. During the course, the student will also learn how to properly set up and use a plasma cutter, and be able to perform certain tasks with it. (1-hour lecture, 6 hours lab)

### **WLD 2224/L GTAW II WELDING (TIG)/LAB**

Prerequisite: WLD 1224 or permission of the instructor. The course covers the practical application of GTAW equipment by welding AWS certification tests in all positions on steel plate and steel pipe. The student will also gain knowledge of the tools used to weld and prepare pipe of various diameters. The student will also get an introduction to welding aluminum with the GTAW process. Upon completion of this course, the student is required to pass at least one AWS certification test on plate or pipe by a guided bend test or x-ray. (1-hour lecture, 6 hours lab)

### **WLD 1244 LAYOUT & PIPEFITTING I**

The study of fitting together structured steel by using various formulas to develop angles of cut and fit. This course will cover various print reading concepts as well as how to use various measurement systems and tools. At the conclusion of this course, the student should be able to lay out many different angles and fits on beams, angles, channels, and many other structural steels. (4 hours, lecture/lab combined)

### **WLD 2244 LAYOUT & PIPEFITTING II**

Prerequisite: WLD 1244 or consent of instructor. The study of fitting together pipe by using various formulas to develop angles of cut and fit. The student will gain knowledge of how to incorporate these cuts into a multi turn piping system. This course will also cover drawing pipe templates in detail. At the conclusion of this course, the student should be able to take a shop drawing and fabricate a piping system with multiple turns. (4 hours, lecture/lab combined)

**WLD 1513 CUTTING PRINCIPLES & PRACTICES**

This course will cover all aspects of cutting in the welding industry. The curriculum includes the oxyacetylene torch, plasma cutter, arc gouger, pattern cutter, and the proper use of the band saw. During the course, the student will have to demonstrate the proper use of each piece of equipment. (1-hour lecture: 4-hour lab)

**WLD 1404 WELD EVALUATION & TESTING**

This course will include information about the different types of destructive tests, nondestructive tests, welding procedure

qualifications, and welder performance qualifications. This course is designed to better inform the welder as to what standards he will be tested on as well as open a door for a job in weld inspection (4 hours, lecture/lab combined)

**WLD 1613 WELDING METALLURGY**

Topics covered in the course will include the chemical, mechanical, and physical properties of metals, mechanical behavior, microstructure, and post-weld heat-treating. The student should leave this course with an introduction into the composition of metals and why it is important to maintain them.

# Faculty and Staff

**Rasco, Thomas Alan**, President; Ed.D., Baylor University; M.A., B.A. University of Houston (2005)

**Cantu', Valeriano**, Vice President of Academic Affairs and Student Services, Ed.D., Texas Tech University; MBA, BBA, Angelo State University (2008)

**Meador, Vernie**, Vice President of Fiscal Affairs; BSBA, Henderson State University (2007)

**Persyn, Marylynn**, Vice President of Workforce Education, Ph.D., University of Texas; MSA, Central Michigan University; BBA, St. Mary's University (2008)

## FACULTY and PROFESSIONAL STAFF

**Andrews, Larry**, Coordinator, Student Retention, MA, University of Arkansas; BS, Southern Arkansas University; AA, South Arkansas Community College (2007)

**Badgley, Vicki**, Instructor, Computer Information Systems; M.B.A., Northeast Louisiana University; B.S., Northwestern State University (1990)

**Baine, Jennifer**, Instructor, English; M.A., B.A., Louisiana Tech University (2005)

**Ballard, Phillip**, Professor, English; M.A., East Texas State University; B.S.E., Henderson State University (1987)

**Bates, Patricia**, Director, Adult Education; M.S.E., B.S.E., Arkansas State University (1997)

**Benson, Carol**, Coordinator Developmental Studies; B.A., University of Arkansas (2006)

**Bowman, Sue**, Academic Support Specialist & Retention Specialist, MA, New Mexico State University; BA, Samford University (2008)

**Boykin, Karen**, Assistant Professor, Practical Nursing; A.D.N., University of Monticello (2003)

**Bridges, Kenneth**, Associate Professor, History; Ph.D., M.A., University of North Texas, B.A., University of Texas (2003)

**Brown, Jeanette**, Associate Professor, Physical Therapist Assistant; B.S., University of Arkansas at Pine Bluff; A.A.S., University of Central Arkansas (1999)

**Brown, Lura**, Professor, English; Ph.D., M.Ed, East Texas University; B.A., Sam Houston State University; (1980)

**Cole, Peggy**, Instructor, Practical Nursing; A.D.N., Southern Arkansas University (2005)

**Cook, Mary Pat**, Education Program Director; M.Ed., B.S.E., Ouachita Baptist University (2002)

**Cooley, Amanda**, Public Information Officer; B.A., Southern Arkansas University (2003)

**Cox, Matthew**, Instructor, Mathematics; M.S., Texas A & M University; B.S., University of Central Arkansas (1997)

**Culbreth, Henry**, Professor, Mathematics; M.S., B.S., University of Arkansas (1976)

**Davidson, Keitha**, Associate Professor, Director, Surgical Technology Program; CST, Gulf Coast Community College, B.S.N., University of Arkansas; A.D.N., Southern Arkansas University (2000)

**Dugal, Elizabeth**, Director, Student Support Services; M.Ed., Southern Arkansas University; B.S.E., Henderson State University (1980)

**Dunn, Israel**, Instructor, Psychology, Ph.D., MS, California State University; BA, Grambling State University (2007)

**East, Elizabeth**, Instructor, Adult Education; M.Ed., Prairie View A & M University; B.S. Lamar University (2008)

**Edney, Deborah**, Professor, Radiologic Technology Program Director; M.B.A., American Intercontinental University, B.S., University of Arkansas at Little Rock (1991)

**Eichman, Phillip**, Instructor, Biology; Ed.D.,

Ball State University, M.S., Purdue University, M.Ed., Harding University; B.S., Wright State University (2006)

**Ford, Dessie**, Professor, Office Systems and Computer Information Systems; M.S.E., B.S.E., Southern Arkansas University (1977)

**Glass, Jay**, Instructor; A.A.S., South Arkansas Community College (2002)

**Green, Nita**, Director, Practical & Registered Nursing, M.S.N., University of Mississippi Medical Center, B.S.N., Grambling State University, A.D.N., Louisiana Tech University (2006)

**Griffith, David**, C.N.E., Assistant Director Information Services, B.A., Bethel College, TN (1996)

**Griffith, Helen**, Instructor, Mathematics; M.A., Louisiana State University; B.S., Southern Arkansas University (1990)

**Hagen-Foley, Debra**, Director, Institutional Effectiveness, Ph.D., M.A., University Cincinnati, B.A., University Wisconsin (2006)

**Hankins, Charley**, Webmaster, B.S., Ouachita Baptist University (2007)

**Harden, Victoria**, Associate Professor, Music; M.M., M.A., University of Memphis; B.M., Henderson State University (2002)

**Harrell, Catherine**, Academic Advisor, B.A., University of New Orleans (2006)

**Haynes, Mandi**, Instructor, Radiologic Technology, A.S., University of Arkansas for Medical Sciences (2007)

**Hendricks, Donna**, Professor, Computer Information Systems; M.B.A., Louisiana Tech University; B.B.A., Southern Arkansas University; A.A.S., Southern Arkansas University - El Dorado (1979)

**Holmes, Brenda**, Instructor, Gain Program, MSN, University Phoenix; BSN, ADN, South Arkansas University; LPN, Oil Belt Vocational Tech (2007)

**Howell, Barbara**, Career Advisor, Gain Program, BS, Southern Arkansas University; AS, South Arkansas Community College (2007)

**Inman, Dean**, Director, Enrollment Services; M.S., B.S., Henderson State University (1993)

**Kelley, Ken**, Professor, Emergency Medical Technology Program Director; B.B.A., Southern Arkansas University (1991)

**Kelley, Sue**, Learning Disability Specialist; M.S.E., University of Central Arkansas; B.S., Southern Arkansas University (1992)

**Kendrix, Tonya**, Instructor, GAIN Program, Certified Nursing Assistant, BSN, AA, University of Arkansas –Monticello (2007)

**Kennedy, Bette**, Instructor, Adult Education, B.S., Louisiana Tech University (2007)

**Kirk, Tim**, Chief Information Officer, Ph.D., Ohio State University, B.S., University of Evansville, B.A., Indiana University (2006)

**Kuykendall, Francis**, Director, Library; M.S. Ed., University of Central Arkansas; M.L.S., Texas Woman's University; B.S.E., Southern Arkansas University (2001)

**Land, Beverly**, Instructor, R.N., Medical Professions Education, L.P.N., Forrest Echos Vo-Tech, A.D.N., Wharton Junior College (2006)

**Langston, Carolyn**, Professor, Business; C.M.A., C.P.A., D.B.A., M.B.A., Louisiana Tech University; B.S.E., Southern Arkansas University (1975)

**Larkin, Scott**, Instructor, English and Literature; M.A., Utah State University; B.A., Brigham Young University (1990)

**Lindsey, Ophelia**, Assistant Director, Corporate & Community Education, BBA, Franklin University; AA, Southern Arkansas University-Tech (2007)

**Mahony, Bettie**, Professor, English and Literature; B.S., Agnes Scott (1975)

**Manis, Doyle**, Instructor, Automotive, Master A.S.E. certification (2007)

**Martin, Casey**, Director, Learning Center; I CAN Learn Math Classroom, Testing, Assessment Coordinator, M.Ed. (2), B.S.E., Southern Arkansas University; B.S.E., Southern Illinois University at Carbondale (2004)

- McKinnon, Cheryl**, Instructor, Practical Nursing, A.D.N., Southern Arkansas University; TC, South Arkansas Community College (2007)
- McKinnon, Tammi**, Director, Career Pathways Program, BSW, Harding University (2007)
- Meyer, Cynthia**, Assistant Professor, Occupational Therapy Assistant Program Instructor; M.S., Texas Tech University; B.S., University of Tennessee Memphis; A.A.S., Milwaukee Area Technical College (2002)
- Mock, Debra**, Director, Upward Bound Program, M.Ed., Southern Arkansas University; BSE, University of Arkansas (2007)
- Moring, Debra**, Program Director, Health Information Technology; A.S., Louisiana Tech University (2005)
- Morris-Burns, Laura**, Instructor, Practical Nursing, GAIN Project, Practical Nursing, A.D.N., Southern Arkansas University (2007)
- Moser, Larry**, Director, Secondary Technical Center; Ed.D., M.S., Texas A&M – Commerce; M.P.A., Angelo State University; B.S., Southern Nazarene University (2006)
- Murphree, Brenda**, Instructor, GAIN Project, Practical Nursing, A.D.N., Southern Arkansas University (2007)
- Neely, Susan**, CPA “Inactive”; Contoller; B.S., Arkansas State University (1988)
- Nipper, Roslyn**, Director, Gain Program; A.D.N., A.S. Southern Arkansas University (2007)
- O’Guinn, Bernadette**, Counselor/Advisor, Career Pathways Program, MA, Louisiana Tech University; BME, Southern Arkansas University (2007)
- O’Gwin, Tamara**, Instructor, Health Science Technology; B.S., Northeast Louisiana University A.A.S., Southern Arkansas University-El Dorado (2002)
- Palculict, Grace**, Assessment Coordinator, MS, BS, Southern Arkansas University (2008)
- Parks, Jennifer**, Professor, Physical Therapist Assistant Program Director; D.P.T., Arizona School of Health Sciences; B.A., University of Colorado; B.S., University of Colorado School of Medicine (1998)
- Patterson, Terry**, Director, Distance Learning, MS, Arkansas Tech University; BA, College of Ozarks (2007)
- Posey, Thomas, III**, Director, Physical Plant; B.A., Jacksonville State University (1999)
- Pugh, Sandra**, Professor and Program Director, Occupational Therapy Assistant Program; O.T.D., Rocky Mountain University of Healthcare Professionals; B.S., Northeast Louisiana University (1999)
- Rainwater, Sylvia**, Instructor, Practical Nursing, BSN, University of Arkansas-Medical Sciences; ADN, Southern Arkansas University (2008)
- Reyna, Cynthia**, Executive Director, SouthArk Foundation; M.A., University of Houston; B.B.A., North Texas State University (1998)
- Richardson, Lynda**, Director, Corporate and Community Education; B.S.E., M.Ed., Southern Arkansas University (1996)
- Riggs, Becky**, PHR, Director, Human Resources; B.S., John Brown University, A.A.S., South Arkansas Community College (1988)
- Roberts, George**, Dean, Health & Natural Sciences, Ed.D., Grambling State University, Ed.S., Northeast Louisiana University; M.S., B.S., Louisiana Tech University (2006)
- Ryan, Jack**, Professor, Chemistry and Physical Science; Ph.D., University of Miami; B.S., University of Cincinnati (1978)
- Ryan, Janet**, Student Support Services, Mathematics and Science; Ph.D., University of Miami, B.A., Southern Connecticut State College (1980)
- Smith, Teresa**, Assistant Professor Practical Nursing; B.S.N., M.S.N., University of Arkansas for Medical Sciences; A.D.N., Southern Arkansas University (2003)
- Southall, Ann**, Manager, Purchasing and Payment Services, B.S., Southern Arkansas University, A.A. South Arkansas Community College (2000)
- Stevenson, Gerald**, Instructor, Truck Driving (2005)

**Sullivant, Chris**, Data Base Administrator; A.A., South Arkansas Community College (1999)

**Tatum, Veronda**, Director, Financial Aid, Veterans' Affairs; M.Ed., B.B.A., Southern Arkansas University (1996)

**Tibbs, Sandra**, Instructor, General Adult Education; B.S.E., Southern Arkansas University (1989)

**Tidwell, Karsten**, Instructor Automotive Service Technology; AAS, South Arkansas Community College, ASE Master Technician Certification, Universal Technical Institute, Houston, TX (2003)

**VanHook, Dinah**, Instructor, M.A.E., Louisiana Tech University; B.A., Southern Arkansas University, (1985)

**Vaughn, Kim**, Manager, Financial Accounting, B.S., South Arkansas University (1999)

**Wache, Susanne**, Assistant Professor, Biology; Ph.D., University of Connecticut; M.S., University of Oregon at Eugene; B.S., University of Berlin, Germany (2004)

**Ward, Judy**, Professor, Office Systems; M.Ed., Memphis State University; B.B.A., University of Arkansas at Monticello (1977)

**West, Cynthia**, Instructor, Physical Therapist Assistant Program, AAS, South Arkansas Community College (2007)

**Whatley, Lewis**, Instructor, Computer Education; AAS, South Arkansas Community College, U.S. Army Certifications, IBM A+ Certifications, A+ Service Technician Certification (2001)

**Whitehead, Sherri**, Coordinator, Corporate and Community Education (2004)

**Whitmore, Nancy L.**, Professor, Physical Education; M.Ed., M.S., Northeast Louisiana University; B.S.E., Southern Arkansas University; (1990)

**Williams, Judy**, E&T Case Manager; B.S., Southern Arkansas University (1998)

**Williams, Roy**, Coordinator, Upward Bound Program, BBA, Southern Arkansas University (2007)

**Wilson, Benny**, Instructor, Welding Technology; Oil Belt Vocational Technical School; A.A.S., South Arkansas Community College; A.S., Arkansas State University at Jonesboro (1989)

**Wilson, Christy**, Director, College Transition, BS, BA, Southern Arkansas University; AA South Arkansas Community College (2007)

**Wilson, Mary Ellen**, LPC, NCC, LSW, Psychology and Student Support Services Counselor; M.Ed., Southern Arkansas University; B.A., State University of New York at Stonybrook (1979)

**Wrenn, Jessie**, Instructor, English; J.D., University of Louisville School of Law; B.A., University Kentucky (2005)

**Young, Rosemary**, Assistant Professor, Practical Nursing; B.S.N., A.A., University of Monticello (2003)

**Young, Thomas**, Dean, Liberal Arts and Business; Ph.D., M.A., Michigan State University; B.A., Grand Valley State College (2006)

## SUPPORT STAFF

**Aaron, Admon**, Custodial Worker  
**Beck, Wayne**, Network Technician II  
**Blake, Carl**, Campus Safety Supervisor  
**Bone, Donna**, Secretary I  
**Burgie, Berry**, Skilled Trades Worker  
**Cagle, Sonya**, Secretary II  
**Cheatham, Wayne**, Skills Trades Helper  
**Davis, Latron**, Custodial Worker  
**DiBenedetto, Katherine**, Arboretum Caretaker  
**Drummond, Alene**, Skills Trades Helper  
**Dunn, Martha**, Administrative Assistant  
**Ellis, Mary Jane**, Receptionist  
**Fallin, Mary**, Secretary I  
**Garner, Amy**, Secretary II  
**Givens, Janis**, Secretary II  
**Hunt, Diane**, Secretary I  
**Island, Gwenda**, Accountant  
**Jerry, Randy**, Recruitment & S.A. Specialist  
**Johnson, Thomas**, Library Technician II  
**Johnson, Wade**, Maintenance Worker II  
**Jordan, Susan**, Administrative Assistant I  
**Lawrence, Adrienne**, Secretary I

**Lewis, Lisa**, Payroll Services Specialist  
**Lewis, Valerie**, Accounting Technician II  
**McLeod, Tammy**, Custodial Worker  
**Miller, Amanda**, Secretary I  
**Modica, Kathy**, Secretary II  
**Modica-Smith, Carol**, Secretary II  
**Moore, Marsha**, Custodial Worker  
**Murray, Joe**, Grounds Maintenance  
**Palmer, Ricky**, Skilled Trades Worker  
**Parlor, Donzelle**, Skilled Trades Worker  
**Pepper, Charles**, Watchman  
**Rainwater, Kristi**, Financial Aid Officer

**Ramey, Tasha**, Accounting Technician I  
**Reaves, Mary Katherine**, Secretary I  
**Risher, Sheila**, Accounting Technician II  
**Roberts, Mike**, Network Technician I  
**Rogan, Rosie**, Custodial Worker  
**Sachs, Kathryn**, Secretary I  
**Sandifer, Whit**, Bookstore Manager  
**Shultz, Daphne**, Computer Technician  
**Stanley, Sue**, Secretary I  
**Williams, Mary Jo**, Administrative Secretary  
**Wilson, Lauri**, Library Technician II  
**Wright, Lillie**, Registrar's Assistant



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