

**CHANGING
EMPOWER
LEARN LIVES**



**CREATING SUCCESS
EDUCATION FUTURE
OPPORTUNITIES**

2015 - 2016 CATALOG



Arkansas State
UNIVERSITY
MOUNTAIN HOME



Arkansas State
UNIVERSITY
MOUNTAIN HOME

2015-2016
Catalog

For updates to the 2015-2016 Catalog,
please check the ASU-Mountain Home Website: <http://www.ASUMH.edu>

To access the Catalog Online:
[http://www.asumh.edu/admissions/forms/2015-2016 Catalog.pdf](http://www.asumh.edu/admissions/forms/2015-2016%20Catalog.pdf)

1600 S. College Street
Mountain Home, AR 72653
Phone: (870) 508-6100
Fax: (870) 508-6287
www.ASUMH.edu





A MESSAGE FROM THE CHANCELLOR

It is my great pleasure to welcome you to Arkansas State University – Mountain Home where our vision is Creating Opportunities – Changing Lives. The campus is located on picturesque rolling hills in Mountain Home, Arkansas. We are surrounded by beautiful forests, two outstanding freshwater lakes, and crystal clear rivers teeming with trout. This is an ideal location for the outstanding facilities you will be utilizing as a student of ASUMH.

We have a diverse collection of degrees and certificates offered with schedule options that will accommodate your needs. We are also proud to host Arkansas State University – Jonesboro through our degree center which delivers a number of bachelor and master degree programs to the campus.

We are fortunate to have outstanding faculty, dedicated to your success. Class sizes are small, allowing you the opportunity to personally interact with your instructor. The University has service and support staff equally committed to your academic success. There are also a number of clubs and organizations offering you options to engage in service or recreation activities outside of the classroom.

Arkansas State University – Mountain Home was created to provide you with an exceptional educational experience. I am pleased that you are exploring the opportunity to enroll here at your University and welcome you as a new student.

Sincerely,

A handwritten signature in black ink that reads "Robin Myers". The signature is fluid and cursive, with the first name "Robin" and last name "Myers" clearly distinguishable.

Robin Myers, Ed.D.

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GENERAL INFORMATION



POLICY STATEMENT

Policies and procedures stated in this catalog--from admission through graduation--require continuous evaluation, review, and approval by appropriate university officials. All statements reflect policies in existence at the time this catalog went to press, and the university reserves the right to change policies at any time without prior notice.

University officials determine whether students have satisfactorily met admission, retention, or graduation requirements. ASUMH reserves the right to require a student to withdraw from the University for cause at any time.

Telephone Directory **Main Switchboard: (870) 508-6100**

| | |
|--------------------------------------|----------|
| Admissions/Registrar | 508-6104 |
| ASU-Jonesboro Programs | 508-6170 |
| Bookstore | 508-6114 |
| Cashier | 508-6125 |
| Center for Workforce Education | 508-6106 |
| COMPASS Testing..... | 508-6209 |
| Community Education..... | 508-6280 |
| Financial Aid & Scholarships..... | 508-6195 |
| Norma Wood Library | 508-6112 |
| Security..... | 508-6300 |

Student Responsibility Statement

Students enrolled at ASUMH are expected to study this catalog carefully to become familiar with all policies, procedures, and regulations. Knowledge of the information contained in the catalog is the responsibility of each student.

The provisions of this catalog are subject to change and should be considered to be for informational purposes rather than to be an irrevocable contract between the university and the student.

Equal Opportunity/Affirmative Action Statement

ASUMH is an equal opportunity institution and will not discriminate on the basis of race, color, religion, sex, national origin, age, disability, or other unlawful factors in employment practices or admission and treatment of students. The facilities and services of ASUMH are accessible to the disabled.

ASUMH is committed to offering all students, employees, applicants for employment, and other interested parties the rights and protections afforded them by federal and state laws.

ASUMH ensures that the following laws and regulations will be carried out as they pertain to those constituencies:

- Section 504 of the Rehabilitation Act of 1973
- Title II of the Americans with Disabilities Act of 1990 (Title II)
- Title IX of the Education Amendments of 1972 (Title IX)
- The Age Discrimination Act of 1975 (Age Act)

Students, faculty, staff, and other interested persons who have inquiries regarding ASUMH's efforts to comply with its responsibilities under these laws should contact:

Director of Human Resources (Age Act, Title VI)
Arkansas State University – Mountain Home
Physical Address: Vada Sheid Community
Development Center
Mailing Address: 1600 South College Street
Mountain Home, AR 72653
Phone: (870) 508-6200
Fax: (870) 424-4070

Student Services Coordinator (504 compliance,
Title II, & Title IX)
Arkansas State University – Mountain Home
Roller Hall 1600 South College
Mountain Home, AR 72653
Phone: (870) 508-6168
Fax: (870) 508-6284

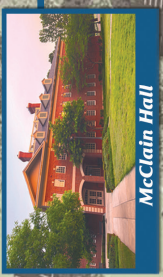


Arkansas State UNIVERSITY MOUNTAIN HOME

- 1 Roller Hall**
 - Admissions (3rd Floor)
 - Book Store (2nd Floor)
 - Career Placement (3rd Floor)
 - Cashier's Office (3rd Floor)
 - Chancellor's Office (3rd Floor)
 - Financial Aid (3rd Floor)
 - Hurd Student Center & Subway (2nd Floor)
 - Library (1st Floor)
 - Recruiter (3rd Floor)
 - Registrar (3rd Floor)
 - Student Svcs. (3rd Floor)
 - Testing/Computer Center (2nd Floor)
- 2 Dryer Hall**
 - McMullin Lecture Hall (2nd Floor)
 - Schlemm Learning Center (2nd Floor)
- 3 Integrity First Hall**
- 4 McClain Hall**
 - Career Pathways (2nd Floor)
- 5 Gotaas Hall**
 - ASU Jonesboro Programs (1st Floor)
- 6 Vada Shield CDC**
 - Academic Affairs
 - Box Office
 - Communications & Institutional Advancement
 - Community Education
 - Finance & Administration
 - Human Resources
- 7 McCurley Maint. Complex**
 - Security Office
- 8 Technical Center**
- 9 Keller Green**
- 10 Pattee Plaza**
- 1A-7 Parking**

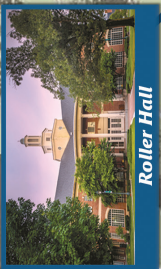
King Drive West (to Hurd Gate/Hwy. 62/412)

8 To Technical Center (4034 Hwy. 62 W.)



McClain Hall

4



Roller Hall

1B



Gotaas Hall

CAMPUS MAP

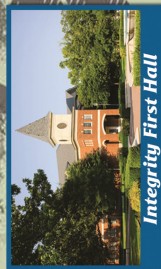


Vada Shield CDC

King Drive North St.
(to McClure Gate/Wade St.)



Keller Green

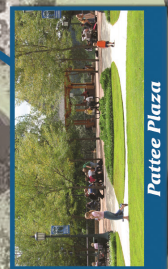


Integrity First Hall



Dryer Hall

King Drive East
(to Thompson - Martin Gate/College St.)



Pattee Plaza

Fall Semester 2015

| | |
|--|----------------------------------|
| ASUMH Family Meeting/Faculty In-service | Monday, August 10 |
| Orientation for New & Adjunct Faculty | (Evening) Tuesday, August 11 |
| Advising and Registration for All Students | Tuesday-Friday, August 11-14 |
| Classes Begin (including First Seven Week Classes) | Monday, August 17 |
| Late Registration..... | Monday-Thursday, August 17-20 |
| Last Day for Late Registration for Adding Course(s) or for Changing From Credit to Audit..... | Thursday, August 20 |
| 10th Day Class Rosters Due to Registrar's Office..... | (Noon) Friday, August 28 |
| Labor Day Holiday (Campus Closed) | Monday, September 7 |
| Last Day to Withdraw from 1st Seven Week Classes..... | Thursday, Sept. 24 |
| Last Day of First Seven Week Classes | Monday, October 5 |
| Second Seven Week Classes Begin..... | Wednesday, October 7 |
| Pre-registration Advising for Spring 2016 Opens..... | Monday, November 2 |
| Last day to submit Intent to Graduate for December 2015 Graduates | Friday, November 6 |
| Last Day to Withdraw from Full Semester Classes..... | Friday, November 13 |
| Last Day to Withdraw fro 2nd Seven Week Classes | Friday, November 13 |
| Fall Break/Thanksgiving Holiday (No Classes) | Monday-Saturday, November 23-28 |
| Last Day of Fall 2015 Classes Including 2nd Seven Week Classes..... | Tuesday, December 1 |
| Common Algebra Final | Wednesday, December 2 |
| Study Day | Wednesday, December 2 |
| Final Examinations..... | Thursday-Wednesday, December 3-9 |
| Grades Due (10:00 a.m.) | Thursday, December 10 |

Spring Semester 2016

| | |
|--|---|
| ASUMH Family Meeting/Faculty In-Service | Monday, January 4 |
| Secondary Classes Begin | Monday, January 4 or home high school start date) |
| Advising and Registration for All Students | Tuesday-Friday, January 5-8 |
| Classes Begin(including 1st Seven Week Classes) | Monday, January 11 |
| Late Registration..... | Monday – Thursday, January 11 - 14 |
| Last Day for Late Registration, Adding Course(s) or for Changing from Credit to Audit | Thursday, January 14 |
| Martin Luther King Jr.'s Birthday Observed (No Classes) | Monday, January 18 |
| 10th Day Class Rosters Due to Registrar's Office..... | (Noon) Monday, January 25 |
| Last Day to Withdraw from 1st Seven Week Classes..... | Monday, February 18 |
| Last Day of 1st Seven Week Classes | Monday, February 29 |
| Last Day to submit Intent to Graduate for May 2016 Graduates | Friday, March 4 |

Second Seven Week Classes Begin.....Monday, March 7
 Spring Break (No Classes)Monday-Saturday, March 21-26
 Pre-registration Advising for Summer 2016 and
 Fall 2016 Opens.....Monday, March 28
 Last Day to Withdraw from Full Semester Classes
 and 2nd Seven Week ClassesMonday, April 11
 Last Day of 2nd Seven Week Classes.....Monday, April 18
 Last Day of Semester ClassesMonday, May 2
 Fall 2016 Pre-Registration EndsTuesday, May 3
 Common Algebra Final.....Tuesday, May 3
 Study Day.....Tuesday, May 3
 Fall Pre-Registration EndsWednesday, May 6
 Final Examinations (Including 2nd Seven Wk ClassesWednesday-Tuesday, May 4-10
 Grades Due (10:00 a.m.)Wednesday, May 11
 Commencement.....6:30 p.m., Monday, May 16
 Last Day of Secondary Center Classes
Wednesday, May 27 (or Last day of home high school-if earlier)

First Summer Term 2016

Pre-registration for Summer I & II & Extended SummerWed. & Thur., May 25-26
 Memorial Day Observed (Campus Closed)Monday, May 30
 Classes BeginTuesday, May 31
 Last Day for Late Registration, Adding Course(s),
 or for Changing from Credit to AuditTuesday, May 31
 Last Day to WithdrawWednesday, June 22
 Last Day of Class/Final/ExaminationsWednesday, June 29
 Grades Due (10:00 a.m.)Thursday, June 30

Second Summer Term 2016

Pre-registration for Summer IIWed. & Thur., June 29-30
 July 4th Observed (Campus Closed).....Monday, July 4
 Classes BeginTuesday, July 5
 Last Day for Late Registration, Adding Course(s),
 or for Changing from Credit to AuditTuesday, July 5
 Last Day to WithdrawTuesday, July 26
 Last Day of Class/Final Examinations Incl. Extended SummerWednesday, August 3
 Grades Due (10 a.m.)Thursday, August 4

Vision, Mission, and Purposes



VISION

Creating Opportunities~Changing Lives

ASUMH will provide expertise and resources to create opportunities and change lives.

MISSION OF ASUMH

The mission of ASUMH is to LEAD through educational opportunities.

Lifelong Learning,
Enhanced Quality of Life,
Academic Accessibility, and
Diverse Experiences

PURPOSES

Imbedded in the mission statement are the ASUMH Institutional Purposes:

- To provide affordable and accessible educational opportunities.
- To create enlightened citizens through diverse experiences.
- To provide a foundation for lifelong learning.
- To help students achieve personal and career goals to enhance their quality of life.

In order to implement its mission, ASUMH is committed to the following Academic Purposes:

1. Through a core curriculum of courses, students will acquire the basic foundation of lifelong learning.
2. Through an emphasis on writing within the curriculum, students will incorporate writing skills into all disciplines.
3. Through technology-enriched curricula, students will be required to employ technology skills within the disciplines.
4. Through the Associate of Arts degree, students will gain the general education competencies, which will enable them to transfer into and be academically prepared to succeed in baccalaureate degree programs at four-year universities.

5. Through the Associate of Applied Science degrees, students will gain the range of knowledge, specialized skills, and competencies necessary for successful entry into their respective fields.
6. Through technical certificates and certificates of proficiency, students will gain the specialized knowledge, skills, and competencies required for successful entry in the workforce.
7. Through college-preparatory courses in reading, writing, and mathematics, under-prepared students will have the opportunity to gain the skills and knowledge essential to achieve success at the collegiate level.
8. Through the Center for Workforce Education, business and industry students will be provided with customized training, knowledge, and technical skills.
9. Through the community education classes, citizens will gain the skills and knowledge they desire for personal enrichment and professional advancement.
10. Through academic support services, students will have assistance in achieving their educational goals.
11. Through the library, students will have access to resources and services.
12. Through financial aid programs, students will have access to information that may assist them with financing their education.
13. Through cultural programs and curricula, students and the local community will be encouraged to expand their awareness of diversity.
14. Through ongoing assessment and evaluation, the university will ensure that programs and services grow and change with the needs of the students served.

The History of the University



HISTORY OF THE UNIVERSITY

Responding to urging from community leaders, North Arkansas Community College (NACC) began an off-campus program in Mountain Home in 1974 by offering two evening classes at the high school. As the program grew, additional temporary locations were used to support enrollment needs.

In the fall of 1976, a center was established by NACC that eventually included an Adult Basic Education program. At that time, 10 classes were offered. By the summer of 1986, approximately 50 freshman and sophomore classes were being offered and four junior and senior-level classes (in elementary education) were being offered through an ar-



rangement with Arkansas State University. Continued growth helped move the local higher education classes from the public school and into the former Twin Lakes Baptist Church on East Ninth Street. When that move was accomplished in 1984, the Mountain Home center became a satellite campus of NACC.

In 1985, with monies provided by Baxter County and the City of Mountain Home, and the remainder being raised by a group of community leaders, the buildings belonging to the former First Baptist Church of Mountain Home were purchased. The Vocational-Technical Education Division of the State Department of Education purchased the building known as McClure Chapel and an adjoining piece of property. The Baxter County Vocational-Technical and Adult Basic Education Center began operation in 1985 under the umbrella of the former Twin Lakes Vocational-Technical School at Harrison.

In 1991, Act 1244 of the Arkansas General Assembly created technical colleges from 13 vocational-technical schools in the state, as well as from the Baxter County Vocational-Technical Center and the North Arkansas Community/Technical College Center in Mountain Home. The legislation also moved vocational-technical schools from under the supervision of the State Department of Education and made them answerable to the State Department of Higher Education. For the other schools, the transition from post-secondary technical schools to technical colleges involved adding academic offerings. The opposite was true in Mountain Home. A technical division needed to be added to the existing college transfer academic program.

Before the state legislature would approve Mountain Home for technical college status, the community had to make a local financial commitment and demonstrate support for a college. As a result of a public hearing in June of 1991, it was decided to request technical college status and to ask NorthArkansas Community/Technical College to provide accredited courses until the local college received accreditation status. Mountain Home Technical College was established on July 1, 1991. In May of 1992, the Mountain Home Technical College advisory committee unanimously agreed to seek affiliation with Arkansas State University to form a branch campus similar to the one at Beebe. On July 1, 1993, Mountain Home Technical College officially became Arkansas State University-Mountain Home Technical College. On October 19, 1993, a special election was held to establish a technical college taxing district in Baxter County and to levy a 2 mill property tax. The public support for this obligation was overwhelming, and the measure passed. Due to the commitment of the residents of Baxter County and the cooperation of the Department of Higher Education and Arkansas State University-Jonesboro, ASUMH was established on July 1, 1995, with Dr. Ed Coulter as its first Chancellor.

In 1996, the university selected a mascot that would depict its growth – the ASUMH Trail Blazers. The mascot was supported by Chancellor Ed Coulter who said the university was “blazing a trail into the 21st century.”

In 1997, ASUMH purchased approximately 130 acres at 1600 South College Street for the construction of a new campus. An official groundbreaking ceremony was held April 8, 1998, and construction began that summer. The Campus Grand Opening/Dedication was held April 25, 2000. Thus began the growth of ASUMH to the campus it is today. Buildings included in the original campus construction were Dryer Hall, First National Hall, McClain Hall, and Roller Hall.

Since that time, three new buildings now grace the hilltop architecture. The McCurley Maintenance Complex was completed in 2006, Gotaas Hall in 2008, and the Vada Sheid Community Development Center was completed in September of 2010. The Vada Sheid CDC houses the largest auditorium in north central Arkansas with a seating capacity of 1600.

Upon the retirement of Dr. Coulter in July 2012, Dr. Robin Myers became the second Chancellor of ASUMH.

A new Technical Center was added in 2014, serving both traditional students and area high school students through a Secondary Center operated in the facility. The ASUMH Art Gallery was also created in 2014, housed in the Vada Sheid Community Development Center.

ACCREDITATION OF PROGRAMS

ASUMH'S academic programs are accredited by the regional accrediting agency for all programs. Individual programs are accredited by specialized accrediting agencies for the respective programs.

**The Higher Learning Commission and is a member
of the North Central Association of Colleges and Schools**

30 North LaSalle Street, Suite 2400

Chicago, Illinois 60602-2504

1-312-263-0456

www.ncahigherlearningcommission.org

American Board of Funeral Service Education (ABFSE)

3432 Ashland Avenue, Suite U

St. Joseph, MO 64506

(816) 233-3747

www.abfse.org

**Commission on Accreditation of
Health Education Programs (COAHEP)**

1361 Park Street

Clearwater, FL 33756

(727) 210-2350

www.coahep.org

ASUMH Memberships and Affiliations

Academy of Criminal Justice Science
American Association of Community Colleges
American Association of Women in Higher Education
American Sociological Association
Arkansas Academic Advising Network
Arkansas Association of College and University Business Officers
Arkansas Association of Collegiate Registrars and Admissions Officers
Arkansas Association of Women in Two-Year Colleges
Arkansas Association for Developmental Education
Arkansas College and University Personnel Association
Arkansas Community Colleges
Arkansas Institutional Research Organization
Arkansas State Board of Nursing
Community College Humanities Association
Council of North Central Two Year Colleges
Council for Resource Development
National Association of College and University Business Officials
National Council for Marketing and Public Relations
North Arkansas Two-Year College Consortium (NATYC)
Southern Association of College and University Business Officers
Southern Association of Collegiate Registrars and Admissions Officers

Admissions



ADMISSION POLICY

ASUMH has an open door academic admission policy. This policy is designed to enhance access to educational opportunities. Nevertheless, the prospective student is reminded that standards of quality are maintained and that students will be required to remove deficiencies before entering certain programs or courses.

If an applicant has been found guilty of a felony, has felony charges pending, or is required to register as a sex offender, ASUMH reserves the right to put the student's application on hold pending further review.

All students must see an advisor before registration.

Students who misrepresent facts on the application for admission will be dropped from the university and their admission cancelled immediately.

Communications concerning admission should be addressed to the Office of Admissions, Arkansas State University-Mountain Home, 1600 S. College Street, Mountain Home, AR 72653, or call (870) 508-6104.

ADMISSION REQUIREMENTS

Beginning Freshmen

Prospective students must submit the following credentials before registering:

1. A formal application for admission. Online applications may be found at www.asumh.edu.
2. American College Test (ACT) Student Profile Report or SAT or ASSET or COMPASS Test scores. (In accordance with state law, test scores are required for placement in math, English, and reading.) The COMPASS Test is offered at ASUMH by calling 870-508-6209.
3. An official high school transcript that includes the date of graduation* or results of the General Education Development (GED) test and official transcripts from previous colleges or universities.
4. Documentation (required by Arkansas statute) of two immunizations for measles, rubella, and mumps.

- * A tentative admission decision can be made on the basis of a seven-semester high school transcript.

High School Students

Concurrent Enrollment

High school students enrolled in any college-level class, whether dual enrolled or concurrent credit, must have acceptable placement test scores in order to enroll in a college-level course.

Summer Enrollment

High school students who have completed their junior year, have a “B” average (3.00 on a 4.00 scale), and are recommended by their high school counselor, principal, or superintendent may enroll as full-time students at ASUMH during the summer session preceding their senior year of high school.

General Admission Requirements for High School Students

High school students must submit the following:

1. A formal application for admission.
2. American College Test (ACT), SAT, ASSET, or COMPASS Test scores. (In accordance with state law, test scores are required for placement in math, English, and reading.)
3. An official high school transcript.
4. Documentation (required by Arkansas statute) of two immunizations for measles, rubella, and mumps.
5. ASUMH Letter of Recommendation form completed by a designated high school official.

High school students may not enroll for more than 7 hours per semester without prior approval of the registrar.

To be eligible to enroll in college-level general education classes, a student must achieve the following minimum test scores:

| ACT | | | ASSET | | | COMPASS | |
|------------|----|-----------|--------------|----|-----------|----------------|----|
| English | 19 | or | English | 45 | or | English | 80 |
| Reading | 19 | or | Reading | 43 | or | Reading | 83 |
| Math | 21 | or | Algebra | 43 | or | Algebra | 47 |

OR

The student may ask for an individual evaluation based on other performance criteria. The student may be selected through a process determined to be appropriate by his/her high school principal or counselor and based on performance criteria that justify waiver of the GPA criteria outlined above. High school students applying for admission under this provision must provide a statement from the principal or counselor outlining the selection process and performance criteria deemed sufficient to justify waiving the GPA requirement. ASUMH reserves the right to review these criteria and to deny admission.

Home-Schooled Students

Home-schooled students must meet the same requirements as those listed for beginning freshmen with one exception. The home-schooled student may submit a transcript which indicates the equivalent of a completed high school transcript or a GED.

International Students

ASUMH endorses the "NAFSA Principles for International Educational Exchange" developed and published by the National Association for Foreign Student Affairs. Foreign students are required to complete the TOEFL examination with a minimum score of 500 prior to acceptance.

A citizen of a nation other than the United States of America wishing to apply for admission to ASUMH should write to:

Office of Admissions/International Studies Coordinator
Arkansas State University-Mountain Home
1600 S. College
Mountain Home, AR 72653

International students are not eligible for Financial Aid.

The following information is needed to process applications for admission for international

students:

1. A completed application for admission.
2. Official secondary school transcript/examination results. ONLY ORIGINAL DOCUMENTS OR COPIES CERTIFIED BY A SCHOOL OR CONSULAR OFFICIAL WILL BE ACCEPTED.
3. Official transcripts of all education beyond the secondary school. DOCUMENTS MUST BE IN ENGLISH AND SHOW ALL COURSES TAKEN AND GRADES RECEIVED. ONLY ORIGINAL DOCUMENTS OR COPIES CERTIFIED BY A SCHOOL OR CONSULAR OFFICIAL WILL BE ACCEPTED.

If students are transferring from a college or university outside the United States to ASUMH, they must send their transcript to either Educational Credential Evaluators, Inc. (ECE) or to World Education Services (WES). ECE or WES will evaluate their transcript and notify ASUMH of the courses that are equivalent to courses at ASUMH. Both companies charge for this service.

4. Proof of English proficiency (TOEFL). Applicants must submit a score of 500 (paper based), 173 (computer based exam) or 61 (internet based). Official score report must be mailed directly from ETS to ASUMH. (ASUMH TOEFL code number is 6057.)
5. Financial statement form, completed and dated no more than 6 months prior to the date of enrollment. Sponsors must attach an official bank statement which verifies that \$18,666 is on deposit in an American bank.
6. Official score report from ACT or SAT examinations. (Not required if the student has more than 24 acceptable semester credit hours with math and English included.)
7. Documentation (required by Arkansas statute) of two immunizations for measles, rubella, and mumps.
8. Record of current tuberculin skin test (TST). A chest x-ray may be required if tuberculin reading is positive.
9. Proof of health insurance with repatriation requirement on the policy.

The completed application and ALL supporting documentation must be received in the Office of Admissions at least 3 months prior to the desired enrollment date. The applicant will be informed by mail of admission status.

Temporary Students

A student enrolled at another college or university may enroll as a temporary student and have a record of his/her credits forwarded to that institution. Generally, such enrollment will apply only to summer terms. No transcript is required unless the student is enrolling in a math or English course; however, an application for admission and certification of immunization must be filed, along with a letter of good standing from the institution to which the credit should be sent. If the student wishes to continue for a subsequent semester at ASUMH, he/she must follow the application procedure for transfer students.

Transfer Students

Students who have completed fewer than 24 semester hours at a regionally accredited college or university will be admitted on the same basis as entering freshmen. Transfer students with a cumulative GPA below 2.00 may be admitted conditionally with academic warning. No student on academic suspension from any school, college, or institution of higher learning may enroll until one regular semester has passed and ASUMH's registrar approves the admission.

Students who have completed 24 or more semester hours at a regionally accredited college or university must have a cumulative grade point average of 2.00 and must submit the following:

1. A formal application for admission.
2. Official transcripts from all colleges attended.
3. Documentation (required by Arkansas statute) of two immunizations for measles, rubella, and mumps.

Note: If the 24 transferring hours do not include English composition and an algebra course, transfer students must also submit ACT, SAT, ASSET or COMPASS scores for placement.

Transfer students who do not provide evidence of compliance with state-mandated remediation requirements will receive conditional admission based on ACT/SAT/ASSET/COMPASS scores and/or transcript evaluation(s). (See the description of conditional admission under Admission Categories)

Online Students

Requirements are the same for Online students based on student categories. (See pages 19-23)

PROGRAM ADMISSION REQUIREMENTS

*All additional immunizations and medical test requirements
are the financial responsibility of the student.*

All students who enroll in any health science program will be required to submit for random drug screening. Refusal to submit will result in dismissal from the respective program.

Certified Nursing Assistant and Certified Nursing Assistant Medication Assistant Students

CNA students must meet the standards and requirements for admission to ASUMH. This includes a formal application for admission to ASUMH covering the submission of all required admission credentials. (See Admission Requirements.)

All applicants must have proof of a negative PPD tuberculin skin test or a negative chest x-ray if the skin test is positive prior to clinical.

Emergency Medical Technician Students

EMT students must meet the standards and requirements for admission to ASUMH. This includes a formal application for admission to ASUMH, covering the submission of all required admission credentials. (See Admission Requirements)

All applicants must meet the following requirements:

1. Be 18 years old by the end of the EMT course.
2. Have a current American Heart Association BLS Healthcare Provider Certification.
3. Have proof of a negative PPD tuberculin skin test or a negative chest x-ray if the skin test is positive prior to clinical.
4. Have a criminal background check. (Student will be responsible for applicable fees.) Forms will be discussed during the first class.
5. Sign waivers and required forms as provided by program director.

Funeral Science Students

Candidates for the Associate of Applied Science – Funeral Science degree must meet the standards and requirements for admission to ASUMH prior to applying to the Funeral Science program. This includes a formal application for admission to ASUMH, covering submission of all required admission credentials. (See Admission Requirements) The deadline for application and all required documentation for the fall cohort is March 15. The deadline for application

and all required documentation for the spring cohort is October 15. Applicants are considered for the Funeral Science program after completing and submitting the following information to the Funeral Science Program Director:

1. Funeral Science Program Application.
2. Letters of recommendation from at least three individuals. These letters will carry additional weight if from funeral professionals, educators, and/or funeral organizations. These letters should document:
 - Work experience in which the applicant is exposed to matters related to dying and/or death. Students must submit verification of this work experience and the verification must be on company letterhead and signed by the supervisor. Note: students without prior work related experience may still apply. or
 - Other customer service, management work experience as it relates to serving the public in a related field or circumstance.
3. Transcript that establishes GPA by either:
 - a. Completion of 12 credit hours from list of directed courses (see FUS Handbook, Appendix C) with a Cumulative GPA of at least 2.75.
 - b. Completion of all Technical Certificate requirements with a CGPA of at least 2.50.
4. Documentation of the successful completion of any necessary developmental courses .

The Funeral Science Program Director shall forward only completed applications to the Funeral Science Admission Committee. Applicants will be considered by the Funeral Science Admission Committee according to points accrued by virtue of their references, prior experience, academic record, and application. Students will be notified of acceptance by mail. At the time of acceptance, students will need to complete a criminal background check at www.asumhbackground.com. Students who have previously been convicted of a crime may be restricted from certain clinical facilities and may be ineligible for some state licenses.

IMPORTANT NOTE REGARDING LICENSURE ISSUES: It is the responsibility of each student to understand the licensing requirements for the state in which he/she intends to practice. In many states, convicted felons are ineligible for licensure. Some states require college work beyond the associate degree level. Related Note: many employers may not employ recipients of DUI or DWI violations.

CAUTION: Students applying for admission to the A.A.S. in Funeral Science program should contact their respective state board of funeral service regarding that state board's approval of this particular program of instruction.

Prior to licensure in most states, students will be required to take the National Board Examination (NBE) given by the International Conference of Funeral Science Examining Boards (ICFSEB). A copy

of any NBE results must be submitted to the ASUMH program director within 3 days of receipt by the student/graduate.

A student is allowed only two attempts at all Funeral Science core courses, and may repeat no more than two Funeral Science courses to remain enrolled in the program.

Any and all courses which consist of material contained in ABFSE curriculum outlines (eligible for inclusion in the NBE) must have been completed no more than five years prior to completion of the Funeral Science program in order for said courses to apply toward the A.A.S. Funeral Science degree.

A student must maintain a Cumulative Grade Point Average (C.G.P.A.) of 2.5 to remain a Funeral Science major.

Courses including material testable on the National Board Examination may be no older than five years at the time of completion of the Funeral Science program in order to apply toward the AAS – Funeral Science degree.

Transfer students from other colleges must be in good academic standing, not on academic probation, not academically or administratively dismissed, and not barred from continuing enrollment in the Funeral Science program at previous college(s). Prior Learning Assessment (PLA) may be used to validate prior learning. Credit by PLA is at the sole discretion of the Funeral Science Program Director.

Withdrawal / Dismissal

Funeral Science students with two grades less than “C” in Funeral Science courses or core courses may not be retained in the Funeral Science program. While students may be dismissed from the Funeral Science program, they are not dismissed from the University and are assisted with identifying another major. In special cases, a student may be readmitted (cases cannot involve failing grades).

Statute of Limitation

No student will be involuntarily subject to new regulations and academic requirements introduced while continuously enrolled and in good standing in the Funeral Science program, if the new regulations involve undue hardship or loss of academic credits earned to satisfy the requirements previously in effect.

The following regulations are, however, in effect for all students:

A student, who ceased to attend the University for a period of one semester, whether voluntarily or not, is subject to all the regulations and requirements in force at the time studies are resumed.

Policies of the Funeral Science program are subject to revision during the course of development, implementation, evaluation, and the revision of the curriculum. These changes may become effective prior to publication of the next catalog.

The faculty reserves the right to make curriculum revisions through the Curriculum Committee without prior notice or publication, provided these changes would not lengthen the period of time required to obtain the Funeral Science degree.

LPN/Paramedic to Registered Nursing Students

Registered Nursing students must meet the standards and requirements for admission to ASUMH. This includes a formal application for admission to ASUMH, including the submission of all required admission credentials. (See Admission Requirements.)

The RN program is a one calendar year (three semesters) program that begins in January. Application to the RN program does not guarantee admission. Class size is limited and all applicants may not be accepted into the program. The deadline for application and all required documentation is October 15. There is a competitive admissions process based on:

1. Registered Nursing Program application.
2. A minimum score of 750 on the appropriate HESI Admissions Exam
 - a. LPNs should take the HESI LPN-ADN Entrance Exam
 - b. Paramedics should take the HESI EMS-ADN Entrance Exam
3. A minimum score of 83 on the Reading portion of the COMPASS exam.
4. Completion of all pre-requisite courses with a grade of "C" or higher.
5. Pre-requisite courses in progress during the fall application period with a midterm grade of "C" or higher. Conditional admission may be granted pending successful course completion with a final grade of "C" or higher.
6. A minimum cumulative GPA of 2.5.

After the selection process is complete, applicants will be notified by mail of acceptance or denial.

At the time of acceptance, students will need to complete a Criminal Background Check at www.asumhbackground.com. Students who have previously been convicted of a crime may be restrict-

ed from certain clinical facilities and may be ineligible to take the NCLEX-RN. It is possible to complete a program of study at ASUMH and be denied the opportunity to take the NCLEX-RN by the Arkansas State Board of Nursing. (See the Academic Programs section for more information.)

After being admitted to the RN program, the student will submit the following information as designated in the admission letter. Note: Students must maintain immunizations and certifications while in the program.

1. Completed Acceptance Form
2. Completed Change of Major Form
3. Proof of payment for Criminal Background Check (CBC) which is required for all RN student applicants. The Website to obtain the criminal background check is: <http://www.asumhbackground.com/> Note: Students must submit fingerprints to complete the CBC process prior to class orientation.
4. Documentation of completion or initiation of the Hepatitis series. Students must complete the first Hepatitis vaccine before entering the clinical area in the first semester
5. Proof of current TB skin test
6. Proof of current Tetanus immunization
7. Proof of current American Heart Association Healthcare Provider BLS certification

Students whose primary language is not English must score 79 or higher on reading, listening and writing skills and 23 or higher on speaking skills on the TOEFL. An official score report must be submitted with the RN Program Application. This is a requirement of the Arkansas State Board of Nursing.

Paramedic Technology Students

Paramedic students must meet the standards and requirements for admission to ASUMH. This includes a formal application for admission to ASUMH, including the submission of all required admission credentials. (See Admission Requirements)

Application to the Paramedic Technology program does not guarantee admission. Class size is limited and all applicants may not be accepted into the program.

All applicants must meet the following requirements:

1. Successfully complete any required developmental courses prior to admission to the Paramedic program.
2. Complete required pre-requisites with a grade of "C" or higher.

3. Complete a Paramedic program application.
4. Proof of completion of the HESI Admission Assessment Exam.
5. Possess an Arkansas EMT license, an Advanced EMT license, a National Registry EMT certification, or Advanced EMT certification.
6. Per EMS Division of the Arkansas Department of Health, no student may enroll in a Paramedic program without first obtaining EMT or Advanced EMT licensure.
7. Have a current American Heart Association BLS Healthcare Provider certification
8. Have proof of a negative PPD tuberculin skin test or a negative chest x-ray if the skin test is positive.
9. Have documentation of completion or initiation of the hepatitis series. Students must complete the first hepatitis vaccine before entering the clinical area in the first semester.
10. Sign waivers, handbook, and required forms as provided by program director.

Phlebotomy Students

Phlebotomy students must meet the standards and requirements for admission to ASUMH prior to applying to the Phlebotomy program. This includes a formal application for admission to ASUMH, covering the submission of all required admission credentials. (See Admission Requirements.)

Application to the Phlebotomy program does not guarantee admission. Class size is limited and all applicants may not be accepted into the program. Applicants are considered for the Phlebotomy program after completing and submitting the following information to the health science coordinator's office:

1. Phlebotomy program application.
2. Proof of completion of the Health Occupations Aptitude Exam.
3. Proof of successful completion of any necessary developmental courses prior to program application submission.

Applicants will be ranked according to scores on the Health Occupations Aptitude Exam, CPT course completion and application.

Students will be notified of acceptance by mail. At the time of acceptance, students are required to complete a Criminal Background Check at www.asumhbackground.com. Students who have previously been convicted of a crime may be restricted from certain clinical facilities, which may result in dismissal from program.

After being admitted to the Phlebotomy program, the student will present the following to the class instructor the first week of class:

1. Proof of negative PPD tuberculin skin test or negative chest x-ray if the skin test is positive.
2. Proof of Tetanus/Diphtheria immunization.

3. Documentation of completion or initiation of the Hepatitis series. Students must complete the first Hepatitis vaccine before entering the clinical area.
4. Drug screen - prior to beginning clinical (faculty member to schedule).

Practical Nursing Students

Practical Nursing students must meet the standards and requirements for admission to ASUMH prior to applying to the Practical Nursing program. This includes a formal application for admission to ASUMH, covering submission of all required admission credentials. (See Admission Requirements.)

Application to the Practical Nursing program does not guarantee admission. Class size is limited and all applicants may not be accepted into the program. Admission to the program is competitive. The deadline for application and all required documentation to the fall class is May 15. Applicants are considered for the Practical Nursing program after completing and submitting the following information:

1. Practical Nursing Program Application.
2. A score of at least 70% on the HESI Admission Assessment Exam.
3. Completion of all prerequisites with a grade of "C" or better.
4. The successful completion of any necessary developmental courses prior to application submission.

Selection to the LPN program will be based on a combination of pre-requisite GPA and entrance exam score. After the selection process is completed, applicants will be notified by mail of acceptance or denial.

At the time of acceptance, students will need to complete a Criminal Background Check at www.asumhbackground.com. Students who have previously been convicted of a crime may be restricted from certain clinical facilities and may be ineligible to take the NCLEX-PN. It is possible to complete a program of study at ASUMH and be denied the opportunity to take the NCLEX-PN by the Arkansas State Board of Nursing.

After being admitted to the Practical Nursing program, the student will present the following to the class instructor the first week of class. Note: Students must maintain immunizations and certifications while in the program.

1. Proof of negative PPD tuberculin skin test or negative chest x-ray if the skin test is positive.
2. Proof of Tetanus/Diphtheria immunization.
3. Documentation of completion or initiation of the Hepatitis series. Students must com-

- plete the first Hepatitis vaccine before entering the clinical area in the first semester.
4. Proof of current American Heart Association BLS Healthcare Provider certification.

Students whose primary language is not English must score 79 or higher on reading, listening and writing skills and 23 or higher on speaking skills on the TOEFL. An official score report must be submitted with the Practical Nursing Program Application. This is a requirement of the Arkansas State Board of Nursing.

ADMISSION CATEGORIES

ASUMH grants admission in the following categories:

Unconditional Admission

Applicants who will be considered for unconditional admission are:

- A. Graduates from accredited high schools, or
- B. Applicants who present passing scores on the General Education Development (GED) tests, or submit a completed home-school transcript.
- C. Students not required to complete CPT classes.
- D. Students transferring from an institution of higher learning who have a cumulative grade point average of 2.00 or better, have met all state-mandated remediation requirements, and have not been suspended from the last institution attended. (See Transfer Student Admissions)

Conditional Admission

Students not meeting the requirements for unconditional admission may be granted conditional admission by the registrar. Conditions of admission will be specified by and must be met to the satisfaction of the registrar. Students admitted in this category are:

- A. High school graduates or applicants who pass the General Education Development (GED) test but have not met the mandated minimum area test scores (ACT, SAT, ASSET, or COMPASS) for college-level classes. (See Unconditional Admission B.)
- B. Transfer students who do not have the 2.00 GPA and/or have not met state-mandated remediation requirements may be admitted conditionally if they are eligible to return to the college most recently attended or if they have been out of school for a fall or spring semester.

All students admitted under conditional admission must enroll in required developmental courses during their first 15 hours at ASUMH. During subsequent enrollment terms, students who were granted conditional admission will be subject to the college's academic probation and suspension policy. Students required to take 2 or more developmental courses must also take ORT 1003 Student Success.

Non-Degree

Individuals who wish to pursue courses of special interest without submitting academic credentials may register for a maximum of 6 hours per semester and may accumulate up to 12 semester hours of undergraduate, non-degree credit. Thereafter, non-degree students must comply with college admission requirements or obtain a written waiver from the Office of the Registrar.

In addition, non-degree students are required to meet all course pre-requisites. If the non-degree student plans to register for courses in English or math, he/she must have ACT, SAT, ASSET or COMPASS scores on file before registering.

Courses taken through this program are not applicable toward a degree unless the student provides appropriate admission documents, changes status to degree seeking, and gains approval by the registrar.



Tuition and Fees



TUITION

| Tuition | Per Semester |
|---|--------------|
| In-state per credit hour | 92.00 |
| Out-of-state/ International per credit hour | 158.00 |

NOTE: Students enrolled in fewer than 12 credit hours during a regular semester (or fewer than 6 credit hours during a summer session) are classified as part-time students.

MISCELLANEOUS FEES

| | |
|---|--------|
| Academic Excellence Fee (per credit hour) | 5.00 |
| Automotive Lab Fee (per credit hour)..... | 25.00 |
| Automotive Program Tools Fee (per credit hour) | 35.00 |
| Certified Nursing Assistant Drug Screening Fee (CNA 1007)..... | 40.00 |
| Certified Nursing Assistant Malpractice Insurance | 16.00 |
| Certified Nursing Assistant Medication Assistant Drug Screening Fee (CNA 2007) | 40.00 |
| Certified Nursing Assistant Medication Assistant Malpractice Insurance | 16.00 |
| Certified Nursing Assistant Testing Fee (per course) | 90.00 |
| Funeral Science Certification Exams (per credit hour)..... | 20.00 |
| Funeral Science Lab Fee (FUS 2181) | 100.00 |
| Funeral Science Malpractice Insurance | 16.00 |
| HVAC Lab Fee (per credit hour) | 25.00 |
| HVAC Program Tools Fee (per credit hour) | 25.00 |
| Infrastructure Fee (per credit hour) | 17.00 |
| Laboratory Fee (per course)..... | 25.00 |
| Online Fee (per credit hour) (Applies to Internet, Internet Assisted & Distance courses- Sections 30-36, 50-59, 70-79, 80-89, 90-99) | 30.00 |
| Paramedic/EMT Malpractice Insurance..... | 16.00 |
| Paramedic Fee (PAR 1102) | 80.00 |
| Penalty for Returned Checks | 23.00 |
| Phlebotomy Drug Screening Fee (PHL 1007) | 40.00 |
| Phlebotomy Malpractice Insurance | 16.00 |
| Placement Exam (COMPASS) | 20.00 |
| Practical Nursing NCLEX Practice Exam | 50.00 |
| (LPN 2913 & 2925) | |
| Practical Nursing Malpractice Insurance..... | 16.00 |

| | |
|--|--------|
| Practical Nursing Drug Screening Fee (LPN 1102) | 40.00 |
| Prior Learning Application Fee | 10.00 |
| Prior Learning Processing Fee (per cr. hour) | 30.00 |
| Registered Nursing Program Fee (per cr. hour) | 100.00 |
| Registered Nursing Program Exit Exam | 50.00 |
| Registered Nursing Program Malpractice Insurance | 16.00 |
| Respiratory Care Certification Exams (per cr.hr)..... | 20.00 |
| Respiratory Care Malpractice Insurance..... | 16.00 |
| TECH Lab Fee (per credit hour) | 25.00 |
| Welding Lab Fee (per course) | 150.00 |

The university reserves the right to change fees and related policies or to add new ones at any time if such action is deemed necessary.

Consult with the ASU-Jonesboro Programs office regarding tuition rates for junior, senior, and graduate courses through ASU-Jonesboro.

PAYMENT OF TUITION AND FEES

Tuition and fees are payable in full at the time of registration. Students may use credit cards for payment of tuition and books. Those who have financial aid approved prior to registration may charge tuition, fees, and books to their account.

Prior to the beginning of a semester, pre-registered students' accounts are verified to determine if students will be self-paying or have been approved for financial aid. Students not approved for financial aid or having not made payment prior to the first day of class will be dropped. These students are given the opportunity to re-enroll during late registration contingent on available classroom seating. The payment verification process is repeated on the last day to add classes during late registration.

Payment Options

Students may make payment through approved financial aid, Discover, MasterCard, Visa, check or cash. Students may pay online through Campus Connect.

For self-paying students unable to pay in full at the beginning of the semester, written agreements are available allowing them to pay 50 percent down, with 25 percent due in 30 days and the balance due at 60 days. This arrangement does not include books. Those students who fail to abide by these terms will not be eligible for future contracts.

Students who fail to pay their accounts in full will not be permitted to register the following semester nor will their records be sent to any other school or institution.

Collection Procedures

Balance due notices are sent annually in late October and late March to students who have outstanding balances requiring immediate payment. Students who have balances more than 30 days old as of December 1 will be notified that their balance due is being sent to the State of Arkansas tax set-off program for attachment to any state income tax refund. Additionally, student accounts will be submitted to a collection agency.

Insufficient Funds

Students who have items returned from financial institutions as insufficient funds will be contacted by phone and then by letter advising that a cash payment is to be made within 10 days. A \$23.00 fee is assessed to all NSF checks. Payments not made within that time frame are sent to the prosecuting attorney's office for collection.

RESIDENCY REQUIREMENTS FOR FEE PAYMENT

Students should contact the Office of the Registrar concerning residency requirements for fee purposes. A student who knowingly gives false information in an attempt to evade out-of-state fee payment may be dismissed from the university.

For fee purposes, a legal resident of Arkansas is one who has lived in Arkansas for the 6 consecutive months prior to the beginning of the term or semester for which the fees are to be paid. Residency may be proven by an Arkansas drivers license or by official documentation of realty purchase, lease or rental agreements.

In-state tuition will be granted for residents of Douglas County, Mo. and all counties contiguous to the state of Arkansas, plus all U.S. military veterans, regardless of residence.

Children of Arkansas State University graduates who live out of state are eligible for in-state tuition.

REFUND POLICY

No refund of fees and/or tuition is made unless a claim is made through the cashier at the time of withdrawal. Refunds apply to tuition and fees only.

Students who are enrolled in courses that are cancelled will receive refunds of 100% of the tuition and fees paid for the cancelled courses.

Members of the military who are called to active duty may request a full refund at any time during the semester. Also, if members of the military are transferred out of the area for a prolonged period, they may, when such transfer interferes with class attendance, request a full refund at any time during the semester. A copy of orders will be required.

If a refund is due any student receiving financial aid under any Title IV Student Financial Aid program, other than College Work-Study, a portion of the refund shall be returned to the Title IV program.

ASUMH does not refund for books or supplies.

Students who withdraw from a course or from the university may be eligible for refunds. Please see the university Website or course schedule for refund periods.

TUITION WAIVER POLICIES

Children of Police Officers/Fire Fighters

Children of police officers and fire fighters who are killed or permanently disabled in the line of duty in Arkansas are eligible for waiver of tuition and fees. Benefits are limited to a maximum of 8 semesters (4 at ASUMH) or until the attainment of age 25, whichever occurs first. Students should contact the Arkansas Department of Higher Education for further information. Funds are limited and are awarded on a first-come, first-served basis.

Golden Agers

Students who are 60 years of age or older at the time of registration do not pay tuition. This waiver is limited to regular semester credit courses, excluding business, industry, and community service classes, and applies only if the class has sufficient enrollment and space is available. All applicable fees are payable and are subject to the refund policy. Check the Calendar of Important Dates listed in the schedule for times of registration.

Arkansas National Guard Education Benefits

Arkansas National Guard educational benefits are authorized under House Concurrent Resolution 1003, 85th General Assembly of the State of Arkansas, encouraging the state's institutions of higher education to waive 25 percent of the Arkansas National Guard member's undergraduate tuition. Eligibility for these benefits is determined by the Army National Guard. ASUMH will honor Resolution 1003 and allow a 25 percent waiver of tuition for qualifying Arkansas National Guard students.

Financial Aid & Scholarships



FINANCIAL AID

Financial aid may be in the form of loans, grants, scholarships, employment opportunities or a combination of any of these.

The criteria listed below are used to determine student eligibility for Federal Financial Aid programs at ASUMH. Students must meet the following requirements:

1. Financial need as determined by the Free Application for Federal Student Aid (FAFSA) Need Analysis.
2. Admission as a regular student.
3. Enrollment in a Financial Aid eligible associates degree or technical certificate program.
4. Evidence of satisfactory academic progress according to the ASUMH Satisfactory Academic Progress Policy.
5. Completion of the ASUMH Financial Aid Data and Title IV Authorization Form

A student is ineligible to receive financial assistance if the individual owes a refund to any of the federal student aid programs, is in default on a student loan, or does not meet the requirements under ASUMH's Satisfactory Academic Progress Policy.

How To Apply For Federal Student Aid

The Free Application for Federal Student Aid (FAFSA) is the application for the Federal Pell Grant, Supplemental Educational Opportunity Grant, the Federal Loan Program which includes both the Subsidized and Unsubsidized Student Loan, and the Federal Work-Study Program.

The FAFSA application may be completed via the Web at www.fafsa.gov. Students needing assistance with this application process should contact the Office of Scholarships and Financial Aid.

Additional Requirements

All Federal financial aid applicants must complete and sign the Financial Aid Data and Title IV Authorization Form before being offered any Federal Financial Aid at ASUMH available from the Office of Scholarships and Financial Aid.

All male students between the ages of 18 and 25 must register for Selective Service to be eligible for Financial Aid at www.sss.gov. In some instances, the student may be required to sign a statement relating to Selective Service registration and provide proof of such registration.

Arkansas State University-Mountain Home Satisfactory Academic Progress Policy

Students receiving assistance through the Arkansas Department of Higher Education, Federal Title IV Financial Aid Programs for attendance at ASUMH must maintain satisfactory academic progress as outlined in this policy. Students should refer to the individual scholarship for renewal criteria to determine how the Satisfactory Academic Progress Policy may apply.

Satisfactory academic progress is checked every term after all grades have been posted. Aid for future terms awarded before the end of a term is subject to a satisfactory academic progress determination that includes all terms.

Quantitative Criteria: Attempted vs. Successfully Completed

All ASUMH students must successfully complete at least 67% of all hours attempted. Attempted hours include all hours attempted during every term of enrollment at ASUMH and hours accepted in transfer. Hours accepted in transfer by ASUMH are included as attempted and successfully completed hours.

| QUANTITATIVE CHART (examples) | |
|--|---|
| <i>Multiply Attempted Hours by 0.67</i> <i>(Results are rounded down)</i> | |
| Attempted Hours | Minimum Successfully Completed Hours Allowed for SAP |
| 3 | 2 |
| 6 | 4 |
| 9 | 6 |
| 12 | 8 |
| 15 | 10 |

All ASUMH students must be able to show they will successfully complete all required courses in their program of study within 150% of the hours it takes to complete their program of study. A student that meets all other components of the Satisfactory Academic Progress Policy must appeal if he/she will exceed the 150% limit during the next term. Only this criterion is reset each time a student is accepted into a new program of study. All attempted hours that can be used to satisfy

a requirement of the student’s current program of study apply to the Pace Criteria. Only the attempted hours that do not apply to the student’s program of study are excluded in the Pace Criteria.

| PACE CHART (examples) | |
|--|--|
| <i>Multiply Hours in Program by 1.5 (Results are rounded down)</i> | |
| Total Hours to Complete Program | Maximum Number of Attempted Hours Allowed (150%) |
| 30 | 45 |
| 40 | 60 |
| 60 | 90 |
| 65 | 97 |

Qualitative Criteria: Grade Point Average

All ASUMH students must maintain a grade point average for every term and cumulatively of a 2.0 or higher. Transfer hours are not included in the grade point average for determining satisfactory academic progress.

Transfer Hours

All hours accepted in transfer to ASUMH are included when determining satisfactory academic progress. Hours accepted in transfer to ASUMH that satisfy a course requirement for a student’s chosen program of study are included in determining the Pace Criteria. Transfer hours are not included in the grade point average for determining satisfactory academic progress.

Grade Changes and Late Posted Grades

It is the student’s responsibility to notify the Office of Scholarships and Financial Aid of grades that should be taken into consideration when determining satisfactory academic progress that are posted or changed after the publicized deadline.

Aid for Seeking Additional Emphasis under an Associate Degree or Technical Certificate

Students that already completed the requirements to receive an associate degree or technical certificate under one emphasis are not eligible to receive Federal Financial Aid to complete

requirements for the same associate degree or technical certificate under a different emphasis with one exception. The exception applies to the Associate of Arts in Teaching (AAT) for students enrolled in the program on or before January 23, 2013. Those students with an AAT in Early Childhood Education may receive aid for seeking an AAT in either Middle School emphasis and vice versa. However, a student with an AAT under one Middle School emphasis cannot receive Federal Financial Aid for seeking a different AAT Middle School emphasis.

Summer

All courses taken during summer are combined into one term and satisfactory academic progress is checked after all summer courses have ended.

Repeating Coursework

All attempts at repeating a course are included as attempted hours in determining satisfactory academic progress. Aid intended for repeating a course that has been previously successfully completed will only be paid once. Aid intended for repeating a course that was not previously successfully completed will be paid for each attempt if the student is meeting this Satisfactory Academic Progress Policy.

Remedial Coursework

Federal Title IV Financial Aid is available to students enrolled in remedial coursework, also known as College Preparatory (CPT) or developmental courses, as long as the student is fully admitted into a Title IV Aid eligible program at or before the time the courses are being taken. All remedial coursework hours attempted at ASUMH are used in determining every satisfactory academic progress criteria at ASUMH except grade point average.

Academic Clemency

Hours given academic clemency by ASUMH are used in determining every satisfactory academic progress criteria at ASUMH except grade point average.

Financial Aid Warning

Students not meeting the satisfactory academic progress criteria outlined in this policy are allowed to receive Federal Title IV Financial Aid for the next term of attendance at ASUMH without an appeal. Each student will be allowed only one term in the financial aid warning status at ASUMH. Students placed on financial aid warning will be informed in writing of their status.

Appeals

Students not meeting the satisfactory academic progress criteria outlined in this policy and who do not meet the criteria to be placed on financial aid warning status must appeal to receive Federal Title IV Financial Aid and assistance through the Arkansas Department of Higher Education for attendance at ASUMH.

The appeal should strive to demonstrate why a student has had difficulty maintaining the criteria outlined in this Satisfactory Academic Progress Policy. The explanation of the student's circumstances should not only include why the criteria were not met, but should include any relevant unforeseeable activity that may have had a negative impact on his/her academic success during his/her entire academic career at ASUMH. Include an explanation and any relevant evidence that illustrates the issue(s) being explained that are not expected to continue. Any such extenuating circumstance that could be considered to be out of the student's control will be taken into consideration in determining if a student will be denied, placed on financial aid probation and given financial aid for the next term, or placed on an academic plan and given financial aid.

All appeals must be submitted in writing and legible.

Academic Dismissal

A student dismissed from ASUMH or his/her program of study for academic reasons are not maintaining satisfactory academic progress and must submit an appeal to receive assistance during his/her next term of attendance at ASUMH.

Financial Aid Probation

Students placed on financial aid probation are expected to be able to meet the criteria of this Satisfactory Academic Progress Policy by the end of their next term of enrollment. Students placed on financial aid probation that do not meet the criteria outlined in this policy by the end of their next term of enrollment are considered to not be maintaining satisfactory academic progress.

Appeals for students who were previously placed on financial aid probation must be able to demonstrate that a new extenuating circumstance has occurred as a reason for not maintaining satisfactory academic progress since the previous appeal was approved.

Academic Plan

A student placed on an academic plan will be given specific expectations that he or she will be required to meet to be considered eligible for Title IV aid in a future term or terms. Failure to meet the expectations outlined in an academic plan will result in ineligibility for assistance through the Arkansas Department of Higher Education and Federal Title IV Financial Aid Programs.

An academic plan is based on an individual's ability to complete his/her program of study within 150% of the hours it takes to complete that program of study. An appeal may be submitted if a new extenuating circumstance led to a student not meeting his/her academic plan as outlined.

Policy Terms

Successful completion is receiving a letter grade on an academic transcript of "A," "B," "C," "D" or "P." All other outcomes are not considered to be successful completion. Every outcome of withdrawal, incomplete, and letter grades of "F" are not successful completion.

Attempted hours are all hours taken at ASUMH regardless of the outcome of the course posted on the transcript and all hours accepted in transfer by ASUMH. All attempted hours are considered in determining satisfactory academic progress even if no aid was received for the hours attempted.

Program of study is coursework designed to lead to a degree or certificate at ASUMH. Not every program of study offered at ASUMH is eligible for Federal Title IV Financial Aid.

Term or Term of Enrollment refers to a period of attendance in academically related activities that result in a grade on the student's academic transcript.

TYPES OF ASSISTANCE

Federal Pell Grant

The Federal Pell Grant program is designed to assist eligible undergraduate students who do not have a bachelor's or a professional degree. This grant helps defray the costs of education. Award amounts are determined on the basis of financial need as determined through the FAFSA Application and the student's status as full-time or part-time.

Federal Student Loans

Eligibility for federal student loans (both subsidized and unsubsidized) is determined through the FAFSA application. These are low interest loans available directly from the federal government to help with educational expenses. Loan types and amounts vary by need and student classification, such as freshman or sophomore.

Applicants not eligible for the Federal Subsidized Student Loan may be eligible for the Federal Unsubsidized Student Loan. Repayment on either student loan would begin 6 months after the student ceases to be at least a half-time student.

Loans may be requested in the Office of Scholarships and Financial Aid. Stafford Loan entrance counseling and a Master Promissory Note must be completed at www.studentloans.gov to be eligible.

Federal Work-Study Program

The Federal Work-Study Program provides on-campus jobs for undergraduate students who have financial need as determined by the FAFSA application. This program allows the student to earn money to help pay for educational expenses while working around his/her class schedule.

ASUMH SCHOLARSHIPS

Academic Distinction Scholarship

The Academic Distinction Scholarship is administered through the Office of Scholarships and Financial Aid, located on the 3rd floor of Roller Hall. The scholarship is awarded to students who are a U.S. citizen, Arkansas resident, and who graduated from an Arkansas accredited high school, or who are qualified home-school students or to qualified GED recipients. Enrollment at ASUMH must occur during the fall or spring semester following high school graduation or completion of a GED test. Students must enter as new freshmen, not transfer students. Concurrent college enrollment during high school does not count as transfer work. Any classes taken during the summer following graduation will not be counted as transfer work.

Students may qualify for the scholarship in one of the following ways:

- Achieve an ACT composite score of 24 or higher and have a cumulative 3.00 GPA (based on a 4.00 scale).
- Achieve a score of 1110-1170 on the SAT and have a cumulative 3.00 GPA (based on a 4.00 scale).
- Rank in the top 10 percent of the graduating class (where the graduating class is 20 or more) and have a cumulative 3.00 GPA (based on a 4.00 scale) at the end of seven semesters.
- GED score of 640 or higher.

NOTE: Awards made on high school rank and GPA are tentative. The rank and the GPA must be maintained through the eighth semester in order to retain the award.

- Priority is given to those students who apply by June 30.

The Academic Distinction/Honor Scholarship pays only the tuition costs for full-time enrollment (12 hours or more excluding correspondence and/or developmental courses) and for only those classes taken on the ASUMH campus, including ASUMH online classes. The following courses will not be counted toward full-time enrollment: Developmental Math I, II or III, Basic Math, Beginning Algebra, College Reading, College Writing, Composition Lab or Foundations of Reading and Writing.

This scholarship is awarded for the duration of 4 consecutive semesters provided the student maintains all scholarship requirements. All incidental fees above tuition are the responsibility of the student.

For additional information concerning this scholarship or to obtain an application form, contact the Office of Scholarships and Financial Aid.

General Scholarships

The Office of Scholarships and Financial Aid has developed a single scholarship application form encompassing a variety of separate scholarships from private endowed funds but disbursed through ASUMH. While the requirements for these scholarships are generally similar, the award amounts may vary.

The deadline for applying for scholarships through ASUMH's General Scholarship Application is May 15. Both incoming and current students are eligible to apply. The application may be found on the Financial Aid page of the ASUMH Website under "Scholarships".

In addition, the Financial Aid Office maintains a list on its Web page of other scholarship Websites. This list of Websites is updated frequently as new notifications are received.

Students should check their student email accounts frequently. The Office of Scholarships and Financial Aid posts any pertinent information relating to financial aid and scholarships, deadlines or other information as a blanket student email so that notification is promptly available.

ADDITIONAL ASSISTANCE PROGRAMS

Arkansas Academic Challenge Scholarship

The Arkansas Academic Challenge program is offered by the state of Arkansas and provides educational assistance to Arkansas residents in pursuit of a higher education. Application is made through the YOUNiversal scholarship application available at scholarships.adhe.edu.

Arkansas Career Pathways

The Arkansas Career Pathways Initiative enables two-year colleges to offer those who qualify career training and college classes. In addition, Pathways can assist students in obtaining a GED, and funds may also be available for tuition and textbooks, childcare, and transportation. Students should contact ASUMH's Career Pathways office for application information.

HEOG Grant

The Higher Education Opportunity Grant (GO grant) is offered by the state of Arkansas and provides grants for full-time and part-time students based on financial need. Students must be an Arkansas resident for at least 12 months prior to applying for this grant. Students must meet the financial need criteria established for the GO grant. Application is made through the YOUNiversal scholarship application available at scholarships.adhe.edu.

Rehabilitation Service

Students with certain disabilities could be eligible to receive assistance with tuition, fees, books, and supplies. Students should contact their local Rehabilitation Services Office for eligibility guidelines and application information.

Trade Adjustment Assistance (TAA)

This program is designed to provide training for unemployed persons if qualified. Students should contact their local Department of Workforce Services (formerly Arkansas Employment Security Department) for detailed information.

Active Duty Military, Veterans And Veterans' Dependent's Benefits

All active duty military, veterans and dependents of veterans are encouraged to inquire about educational benefits to attend ASUMH by contacting the Veterans Administration Certifying Official in the Office of Scholarships and Financial Aid.

Veteran's educational benefits can be received by qualifying veterans and dependents of veterans to attend ASUMH. Eligibility for benefits is determined by first applying online at gibill.va.gov through the Veterans Online Application (VONAPP.) Once the VONAPP is processed, a Certificate of Eligibility for Veteran's Educational Benefits is issued by a VA regional office. Copies of the Certificate of Eligibility and the veteran's DD 214 (member copy 4) should be provided to the ASUMH VA Certifying Official in the Office of Scholarships and Financial Aid for further assistance. Additional paperwork is required by the ASUMH VA Certifying Official to report eligibility to the Veterans Administration on an individual's benefits.

Active duty military may also be eligible to receive educational benefits to attend ASUMH. To find out more about benefits while serving on active duty, speak with your command's personnel office.

More educational benefits and information devoted to veterans and active duty military at ASUMH is available at http://www.asumh.edu/financial_aid/veterans-affairs.dot.

Workforce Improvement Grant

This Workforce Improvement Grant (WIG/Non Traditional Grant) is offered by the state of Arkansas and provides grants for Arkansas residents aged 24 or older based on financial need. Financial need is determined based upon results of the FAFSA. Recipients are selected through the ASUMH Office of Scholarships and Financial Aid.

Workforce Innovative and Opportunity ACT (WIOA)

The program is designed to help low-income or unemployed persons. Students should contact the WIOA office at their local Arkansas Workforce Center for application information (870-425-3385).



Additional Educational Services



ASU-JONESBORO PROGRAMS AT ASU-MOUNTAIN HOME

Students may complete undergraduate and graduate level programs through the Arkansas State University-Jonesboro Programs at ASUMH. The program is designed so that ASUMH provides the freshman and sophomore courses. ASU-Jonesboro then provides junior, senior, and graduate courses leading to specific bachelors' and masters' degrees. All classes are held on the Mountain Home campus. When the course work is complete, the degree is awarded by ASU-Jonesboro.

Information about any of these degrees offered by ASU-Jonesboro through the ASUMH Degree Center may be obtained by calling (870) 508- 6170.

Degrees Available Through ASUJ at ASUMH (Hybrid program delivery utilized and may include face-to-face, Compressed Video Network, online and Web-assisted.)

| | |
|-----------|--|
| AAS | Nursing (LPN/RN Transition) |
| AAS | Nursing |
| BA | Criminology |
| BS..... | Accounting |
| BS..... | Business Management |
| BS..... | Sports Management |
| BSE..... | Early Childhood Education (K-6) Middle-Level Education (Grades 4 – 8) |
| MAT..... | Mid-Level Education |
| MSE..... | Reading |
| EdS..... | Reading |

Degrees Previously Available Through ASUJ at ASUMH-Now Available Online

| | |
|-----------|--|
| BS..... | Business Administration |
| BS..... | Interdisciplinary Studies |
| MBA | Business |
| MSE..... | Curriculum and Instruction Educational Leadership Elementary Education |
| EdS | Educational Leadership |

Nursing Programs Available Through ASU-Jonesboro

In addition to the previously listed programs, ASU-Jonesboro offers the Bachelor of Science in Nursing (RN-to-BSN Option). For information regarding this program, contact the ASU-Jonesboro nursing faculty at (870) 508-6113.

TECHNICAL (& SECONDARY) CENTER

ASUMH’s Technical Center, located at 4034 Highway 62 West (two miles west of the main campus), also serves as a secondary center for area high school students. The Technical Center opened for the fall semester in 2014 and is an approved site by the Arkansas Department of Career Education to provide training for area high school juniors and seniors with the opportunity to earn college credit while still in high school.

Programs available to high school students through ASUMH’s secondary center include Automotive Systems Repair, Certified Nursing Assistant (CNA), Heating, Ventilation and Air Conditioning (HVAC), Mechatronics, and Welding,

**BAXTER COUNTY
ADULT EDUCATION CENTER**

Persons who are interested in earning a GED, improving basic math and reading skills, learning English as a second language, learning basic computer literacy or basic keyboarding, and developing resume writing skills should contact the Baxter County Adult Education Center for class schedules. Classes are open entry and exit. For additional information, call (870) 425-7974.

CENTER FOR WORKFORCE EDUCATION

The Workforce Center focuses on building and improving the technical and soft skills of existing and future employees. As businesses and manufacturing firms become more advanced, the need for technically skilled individuals becomes more evident. The Workforce Center can help businesses and manufacturing firms work through these organizational challenges with custom training.

The Workforce Center coordinates customized instruction, which may include the Employability Certificate, delivered on site or on campus, to improve employee productivity through professional development and/or boost technical skills.

Some businesses may even qualify for grants that may substantially reduce the cost of this type of training. For more information regarding customized training, please call 870-508-6106.

COMMUNITY EDUCATION

To enhance and support the joy of lifelong learning, ASUMH offers Community Education. About Community Education courses:

- Short-term personal enrichment classes and workshops
- Begin recurrently throughout the semester
- Non-credit
- No tests or grades
- Easy registration and low fees
- Outstanding instructors

Call 870-508-6280 to register for Community Education classes.

Academic Policies and Regulations



TESTING AND PLACEMENT

Freshman Assessment and Placement

The Freshman Assessment and Placement Program prescribes statewide minimum standards for determining whether entering freshmen should be placed in college-level math and composition courses or in developmental courses in math, composition, and reading. Students whose scores indicate placement in developmental classes **must** enroll in those courses during their first 15 hours of course work. Students in all associate degree and technical certificate programs are required to take and complete all required developmental classes. Contact the Testing Center at (870) 508-6209 to schedule an appointment for admissions testing. **Placement scores that are older than 6 years will no longer be accepted.**

Mathematics

The mathematics courses listed below have replaced MATH 0103 Intermediate Algebra in the following Associate of Applied Science (A.A.S.) degrees:

| | |
|--------------------------|---|
| MATH 1113 Applied Math | A.A.S. in Criminal Justice |
| MATH 1113 Applied Math | A.A.S. in Funeral Science |
| BUS 1413 Business Math | A.A.S. in Information Systems Technology |
| BUS 1413 Business Math | A.A.S. in Management |
| MATH 1113 Applied Math | A.A.S. in Paramedic Technology |
| MATH 1103 Technical Math | A.A.S. in Welding Technology |
| MATH 1103 Technical Math | A.A.S. in Workforce Technology (Automotive, HVAC) |
| MATH 1113 Applied Math | A.A.S. in Workforce Technology (Mechatronics) |

Refer to course descriptions beginning on page 140 for testing and placement instructions for A.A.S. degrees.

Students pursuing an Associate of Arts or Associate of Science degree who score below 21 on the mathematics section of the Enhanced ACT (American College Testing Program's ACT Assessment Test) or below 460 on the quantitative portion of the re-centered SAT (College Board's Scholastic Aptitude Test) or below 48 on the ASSET (American College Testing Program's Assessment of Skills for Successful Entry and Transfer) Intermediate Algebra test, or below 59 on the COMPASS Test must successfully complete the developmental mathematics course or courses as stated below. Students must earn passing grades ("C" or better) in these courses before advancing to College Algebra.

ACT Math

| | | |
|--------------|-----------|-----------------------------|
| 21 or above | MATH 1023 | College Algebra |
| 19 or above | MATH 1024 | College Algebra with Review |
| *19 or above | MATH 1043 | Quantitative Reasoning |
| 19-20 | MATH 0103 | Intermediate Algebra |
| 17 or above | MATH 1113 | Applied Math |
| 16 or above | MATH 1103 | Technical Math |
| 14-18 | MATH 0003 | Beginning Algebra |
| 0-13 | CPT 0053 | Basic Math |
| 21 or above | MATH 1023 | College Algebra |

** 19 or above in Reading also required.*

ASSET Intermediate Algebra Test

| | | |
|-------------|-----------|-----------------------------|
| 48 or above | MATH 1023 | College Algebra |
| 39 or above | MATH 1021 | College Algebra with Review |
| 39-47 | MATH 0103 | Intermediate Algebra |
| 0 – 38 | MATH 0003 | Beginning Algebra |

ASSET Numerical Test

| | | |
|-------------|-----------|-------------------|
| 40 or above | MATH 0003 | Beginning Algebra |
| 0 -39 | CPT 0053 | Basic Math |

COMPASS PRE-ALGEBRA TEST

| | | |
|-------------|-----------|-------------------|
| 37 or above | MATH 1103 | Technical Math |
| 24 or above | MATH 0003 | Beginning Algebra |
| 0-23 | CPT 0053 | Basic Math |

COMPASS ALGEBRA TEST

| | | |
|-------------|-----------|-----------------------------|
| 47 or above | MATH 1023 | College Algebra |
| 38 or above | MATH 1024 | College Algebra with Review |
| 38 or above | MATH 1043 | Quantitative Reasoning |
| 38-46 | MATH 0103 | Intermediate Algebra |
| 28 or above | MATH 1113 | Applied Math |
| 23 or above | MATH 1103 | Technical Math |
| 16-37 | MATH 0003 | Beginning Algebra |

English Composition

Students scoring below 19 on the English section of the Enhanced ACT or below 470 on the Verbal section of the SAT or below 45 on the ASSET Language Usage test or below 75 on the COMPASS Writing Skills test must successfully complete the college preparatory course in composition as stated below.

ACT English

| | | |
|------------------------|---------------------|------------------------------------|
| 19 or above | ENG 1003 | Composition I |
| 0-18 | CPT 0103 | College Writing |
| *1-15 (& 1-15 Reading) | CPT 0243 | Foundations of Reading and Writing |
| **16-18 | ENG 1003 & CPT 0201 | Comp I & Comp Lab |

ASSET English

| | | |
|-------------|----------|---------------|
| 45 or above | ENG 1003 | Composition I |
|-------------|----------|---------------|

COMPASS English

| | | |
|------------------------|---------------------|------------------------------------|
| 80 or above | ENG 1003 | Composition I |
| 0-79 | CPT 0103 | College Writing |
| *1-62 (& 1-62 Reading) | CPT 0243 | Foundations of Reading and Writing |
| **63-74 | ENG 1003 & CPT 0201 | Comp I & Comp Lab |

**Students testing into both CPT 0103 College Writing and CPT 0123 College Reading should enroll in the single course CPT 0243 Foundations of Reading and Writing.*

***Students scoring in this range have the option of enrolling in ENG 1003 Comp I and CPT 0201.*

Reading

Students who score below 19 on the Reading section of the Enhanced ACT, below 470 on the Verbal section of the SAT, below 431 on the ASSET Reading Skills test or below 83 on the COMPASS Reading Skills test must enroll in the following college preparatory course:

ACT Reading

| | | |
|------------------------|----------|------------------------------------|
| 19 or above | | Exempt |
| 0-18 | CPT 0123 | College Reading |
| *1-15 (& 1-15 English) | CPT 0243 | Foundations of Reading and Writing |

ASSET Reading

| | | |
|-----------------------|----------|------------------------------------|
| 23-42 | CPT 0123 | College Reading |
| *0-34 (&0-34 English) | CPT 0243 | Foundations of Reading and Writing |

COMPASS Reading Skills

| | | |
|-----------------------|----------|------------------------------------|
| 83 or above | | Exempt |
| 1-82 | CPT 0123 | College Reading |
| *1-64 (&1-64 English) | CPT 0243 | Foundations of Reading and Writing |

**Students testing into both CPT 0103 College Writing and CPT 0123 College Reading should enroll in the single course CPT 0243 Foundations of Reading and Writing.*

PRIOR LEARNING ASSESSMENT (PLA)

ASUMH recognizes students may have gained college-level knowledge through learning outside the university. In order for this learning to be evaluated for possible college-level credit, students should request an evaluation of their previous experience immediately following acceptance into the university to avoid possible duplication of courses.

Students seeking college-level credit must request a document evaluation through the Office of the Registrar. All credit evaluations are considered on their individual merit. All students are required to meet program academic requirements to be awarded college-level credit.

ASUMH recognizes nationally standardized exams such as College-Level Examinations Program (CLEP) and College Board Advanced Placement Program (AP) exams as an integral part of the higher education learning process. To obtain specific information concerning the acceptance of CLEP or AP test results students should contact the Office of the Registrar.

Articulated Credit

ASUMH and eight area high schools have articulated credit agreements whereby students may earn college credit for certain high school courses. To be eligible for articulated credit, students should earn at least a "C" in their high school course, enroll at ASUMH within 18 months of graduation, and successfully complete 12 hours at ASUMH. Articulated credit can be applied towards 16 non-transferable degrees at ASUMH. For more information, please contact the Office of Admissions.

College Level Examination Program (CLEP)

ASUMH awards up to 15 semester hours of college credits through the College Level Examination Program (CLEP). Students may go to <http://www.collegeboard.com> for testing information. Students eligible to receive college credit based on CLEP scores must be enrolled at ASUMH for a full semester prior to the university posting CLEP credit to the student transcript.

ASUMH eligibility requirements for receiving credit by CLEP examination does not allow the award of credit for a course the student has completed or for a course for which the student has completed a more advanced course.

Minimum acceptable scores for awarding CLEP credit will vary by institution and may not be consistent with suggested Educational Testing Service score recommendations.

| CLEP Exam | ASUMH Course | Credit Hours Earned | Cut-off Score |
|------------------------------|---------------------|----------------------------|----------------------|
| American Government | POSC 2103 | 3 | 51 |
| College Algebra | MATH 1023 | 3 | 50 |
| College Composition | ENG 1003 | 3 | 52 |
| College Composition | ENG 1003 & ENG 1013 | 6 | 62 |
| History of US I | HIST 2763 | 3 | 58 |
| History of US II | HIST 2773 | 3 | 51 |
| Humanities | ART 2503 | 3 | 51 |
| Humanities | ENG 2003 | 3 | 51 |
| Humanities | ENG 2013 | 3 | 51 |
| Intro to Psychology | PSY 2013 | 3 | 47 |
| Intro to Sociology | SOC 2213 | 3 | 53 |
| Principles of Accounting I | ACC 2003 | 3 | 50 |
| Principles of Macroeconomics | ECON 2313 | 3 | 55 |
| Principles of Microeconomics | ECON 2323 | 3 | 55 |
| Western Civilization I | HIST 1013 | 3 | 44 |
| Western Civilization II | HIST 1023 | 3 | 50 |

Advanced Placement Program

The university awards credit to students who participated in the College Board Advanced Placement Program at their high schools. Students who wish to obtain AP credit must request the College Board (<http://www.collegeboard.com>) forward their test scores to ASUMH after they have been admitted.

Students will be awarded course credit for the courses listed below if they earned the indicated scores on their AP examinations. Students eligible to receive college credit based on AP scores must be enrolled at ASUMH for a full semester prior to the university posting AP credit to the student transcript.

AP credit is not awarded for a course the student has already completed at the college/university level. AP credit granted at other institutions is not automatically transferable to ASUMH. Students who wish to transfer AP credit must submit official documentation of earned scores.

| Advanced Placement Exam | AP Test Score Required for Placement | ASUMH Credit |
|--------------------------------|--|-----------------------|
| Biology | 3 | BIOL 1003 |
| Biology | 4 | BIOL 1003 & BIOL 1001 |
| English Lit/Composition | 3 | ENG 1003 |
| English Lit/Composition | 4 | ENG 1003 & ENG 1013 |
| History of Art | 3 | ART 2583 |
| History of Art | 5 | ART 2583 & ART 2593 |
| Music Listening & Literature | 3 | MUS 2503 |
| Studio Art (Drawing Portfolio) | 3 | ART 1033 |
| Studio Art (General Portfolio) | 3 | ART 1013 |
| Foreign Language | 3** (** plus completion of Intermediate II) | GRM 2013 & GRM 2023** |
| | 3** (** plus completion of Intermediate II) | SPN 2013 & SPN 2023** |
| World History | 4 | HIST 1013 |
| American History | 3 | HIST 2763 |
| American History | 4 | HIST 2763 & HIST 2773 |

| | | |
|-------------|---|------------------------|
| Calculus AB | 4 | MATH 2204 |
| Calculus BC | 4 | MATH 2204 & MATH 2214 |
| Chemistry | 3 (*plus departmental validation of lab skills) | CHEM 1013 & CHEM 1011* |
| Physics B | 3 | PHYS 2054 *PHYS 2064 |

Department Challenge Examinations

Some courses at ASUMH allow for the student to register and then demonstrate the ability to meet the learning objectives of the course by successful completion of a challenge exam. The exams are typically offered within the first three weeks of the term in which the student is enrolled. The challenge exam course option is at the discretion of the course instructor. The student will find information in the course syllabus for each course which offers a challenge exam option.

FINAL EXAMINATIONS

All final examinations must follow the final exam schedule. Final exam schedules are available in the semester class schedule, on the university Website, and from the Office of the Registrar.

REGISTRATION

Students are required to register during the scheduled registration periods. A student may not attend any class until his/her registration is complete. Those who enter courses after class work has begun are responsible for all work prior to their entrance. Registration is not officially completed until all registration forms and course enrollments are completed and applicable fees paid. Students must validate their enrollment for their schedule of classes to be confirmed. Enrollment validation is the clearing of tuition and related fees with the Cashier's Office. Students who do not validate their enrollment will be notified that their schedules have been cancelled. Normally, a student will not be permitted to enter a class after the close of the 4th day of classes in a regular semester or after the close of the 2nd day of classes in a summer session.

All students must see an advisor before registration. Faculty advisors are assigned to a student according to the intended major indicated on his/her application for admission. Students who have not declared a major will receive advising from the registrar or someone designated by

the registrar. Students may access their advisor's name by logging on to Campus Connect and selecting the demographics button. Students who misrepresent facts on the application for admission will be dropped from the university and their admission canceled immediately.

PRE-REGISTRATION

Students currently enrolled are strongly encouraged to register for courses for the next semester during designated pre-registration periods. A pre-registration period is scheduled during the fall semester for enrolling in courses for the following spring semester. A pre-registration period is scheduled during the spring semester for enrolling in courses for the following summer and fall semesters. Pre-registration is designed to give currently enrolled students the first option for future course enrollment.

COURSE NUMBERING SYSTEM

Each course is designated by a number composed of 4 digits, and each course number carries the following information: The first digit indicates the course level (0 – no degree credit, 1 – freshman, 2 – sophomore), and the fourth digit indicates the number of semester hours of credit.

CREDIT FOR COURSES

A semester hour is the unit of credit defined as the amount of credit given for one clock-hour (50 minutes) in class per week for 15 weeks (or the equivalent). For example, a class meeting 3 hours per week carries 3 semester hours of credit.

Non-Traditional Credits (Maximum 30 Hours)

Credits earned through non-traditional methods are awarded upon evaluation by the registrar. Credits from technical schools of the armed forces are evaluated according to the recommendations of the American Council on Education in A Guide to the Evaluation of Educational Experience in the Armed Forces.

ACADEMIC LOAD

For tuition and financial aid purposes, 12 credit hours is considered a regular load in a fall or spring semester. However, the regular course load for a student during a fall or spring semester is 15 credit hours. Six credit hours is considered a regular load for a summer session.

Generally, 18 hours is the maximum load that a student may carry during a fall or spring semester although certain technical programs may specify more. Any student outside these technical areas wishing to enroll in more than 18 credit hours must request permission from the vice chancellor for academic affairs. Seven credit hours is the maximum allowed during a summer semester without special permission from VCAA. Courses taken concurrently at other institutions, as well as independent study (correspondence) courses, will be considered in calculating maximum load.

COLLEGE PREPARATORY (DEVELOPMENTAL) COURSE ENROLLMENT

College preparatory (CPT) is now referred to as developmental covering O-level CPT and MATH courses, i.e. CPT 0053, CPT 0103, CPT 0123, CPT 0201, CPT 0243, MATH 0003, MATH 0023, MATH 0033, and MATH 0043. Students enrolled in three O-level developmental courses (CPT or MATH) may not enroll for more than 12 semester hours. Those enrolled in College Writing (CPT 0103) and College Reading (CPT 0123) must enroll in ORT 1011 First Year Experience during that semester. All developmental work must be completed in the student's first 15 hours at ASUMH.

COURSE PRE-REQUISITES

No student may enroll in a course before successfully completing the pre-requisites to that course. Pre-requisites to a course are noted following the description of the course.

TRANSFER CREDIT POLICY

Students who present transcripts of college-level credit from regionally accredited institutions will receive up to 60 hours credit toward a degree under the following conditions:

- Only courses with a grade of "C" or better will be accepted,
- Courses accepted for transfer must fulfill degree requirements at ASUMH,
- Students must complete a minimum of 15 credit hours at ASUMH to be awarded a degree from the university.

The total number of credit hours of accepted college-level work will be entered on the student's permanent academic record; however, the transfer credit hours **will not** be included in the cumulative grade point average reflected on the transcript of academic record.

Students may not transfer more than 18 semester credit hours earned per regular semester or 7 semester credit hours earned per summer session without the registrar's approval. To have transfer hours officially assessed, students must be enrolled at ASUMH. Direct questions regarding transfer to the Office of the Registrar.

Transfers to ASUMH

Currently enrolled students should not take courses at other institutions without first checking with their advisor regarding applicability of the courses for ASUMH credit. This will ensure that students do not take inappropriate courses, non-equivalent courses, out-of-sequence courses, courses on an inappropriate level, or a credit overload for the semester.

Transfers from ASUMH

Students who intend to transfer to another institution should contact the receiving institution to determine which courses will be accepted for credit in their programs. Students are advised to contact the receiving institution before registering at ASUMH.

Arkansas Course Transfer System (ACTS)

The Arkansas Course Transfer System (ACTS) contains information regarding the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment in the application of credits for the admissions and degree requirements (**See applicable ACTS course numbers at the end of course descriptions.**) Course transferability is not guaranteed for courses listed in ACTS as “No Comparable Course.” Additionally, courses with a “D” frequently do not transfer and institutional policies may vary. ACTS may be accessed on the Internet by going to the Arkansas Department of Higher Education Website and selecting Course Transfer (<http://adhe.edu>).

Roger Phillips Transfer Act of 2009

The Roger Phillips Transfer Act of 2009 requires Arkansas public four-year universities to accept all credits earned for a designated transfer degree upon transfer to a baccalaureate degree program. Designated transfer degrees include Associate of Arts, Associate of Arts in Teaching, and Associate of Science.

AUDITING COURSES

Students auditing a course pay the regular course fee. No credit is awarded for courses audited. The letters “AU” are 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. However, audited courses do not count for financial aid purposes. Credit students are allowed to enroll prior to audit students.

CHANGES IN SCHEDULE/DROPPING A COURSE

Students are strongly advised to meet with their instructors and discuss their options before dropping or withdrawing from a course. A student dropping a course must obtain a Withdrawal Form from the Office of Admissions, obtain the signature of a financial aid officer, and promptly return the form to the Office of Admissions.

Students must be officially withdrawn to avoid receiving an “F” in a course. **The schedule for the final date for dropping a course may be found on the academic calendar of this catalog.** Please see the university Website or course schedule for refund periods.

If a student withdraws from a course, his/her grade will be recorded on the transcript as “W” (withdrawal).

CHANGES IN SCHEDULE/WITHDRAWING FROM THE UNIVERSITY

A student withdrawing from the university must obtain a Withdrawal Form from the Office of Admissions, obtain the signature of the financial aid officer, and promptly return the form to the Office of the Admissions.

Students must be officially withdrawn to avoid receiving an “F” in a course. The schedule for the final date for withdrawing from a course may be found on the academic calendar of this catalog. Please see the university Website or course schedule for refund periods.

If a student withdraws from a course, his/her grade will be recorded on the transcript as “W” (withdrawal).

Students Called Into Military Duty

When any person is activated for full-time military service during a time of national crisis and therefore is required to cease attending a state-supported postsecondary education institution without completing and receiving a grade in one or more courses, the following assistance shall be required with regard to courses not completed:

1. Such student shall receive a complete refund of tuition and such general fees as assessed against all students at the institution.
 - (a) Proportionate refunds of room, board, and other fees which were paid to the institution shall be provided to the students, based on the date of withdrawal.
 - (b) If an institution contracts for services covered by fees which have been paid by and refunded to the student, the contractor shall provide a like refund to the institution.
2. If the institution has a policy of repurchasing textbooks, students shall be offered the maximum price, based on condition, for the textbooks associated with such courses.

When a student is required to cease attendance because of such military activation without completing and receiving a grade in one (1) or more courses, the institution shall provide a reasonable opportunity for completion of the courses after deactivation.

A student activated during the course of a semester shall be entitled, within a period of two (2) years following deactivation, to free tuition for one (1) semester at the institution where attendance had been interrupted unless federal aid is made available for the same purpose.

GRADING ABCDFPAUIW

GRADES AND GRADING SYSTEM

Students may access their grades through myCampus Portal on the ASUMH Website (www.asumh.edu). A student may request an official transcript by contacting the Office of Admissions at (870) 508-6104. ASUMH is on a four-point grading system. The grading system includes permanent letter grades and grade point values as follows:

| | | | |
|---|---------------|---|--------------------------------|
| A | Excellent | for outstanding achievement | 4 grade points per credit hour |
| B | Good | for less than outstanding but demonstrably better performance than the normal competency required for satisfactory progress toward graduation | 3 grade points per credit hour |
| C | Average | for performance that demonstrates normal competency required for satisfactory progress toward graduation | 2 grade points per credit hour |
| D | Below Average | for performance that meets minimum course requirements but is below standards required for satisfactory progress toward graduation | 1 grade point per credit hour |
| F | Failure | for performance that does not meet minimum course requirements and for which no degree credit is justified | 0 grade point |
| P | Pass | for non-credit classes | 0 grade point |

In addition to the letter grades listed, the grading system utilizes the following symbols:

| | | | |
|----|------------|--|---------------|
| AU | Audit | for meeting requirements as established by the instructor | 0 grade point |
| I* | Incomplete | for non-completion of no more than the last 25% of course requirements for reasons beyond the student's control | 0 grade point |
| W | Withdrawn | for non-completion of course | 0 grade point |

*An incomplete grade not removed within one semester will be recorded as an "F"

Developmental (CPT) courses are non-credit classes. Failing grades in developmental classes will be calculated into the semester grade point average (GPA) but not the cumulative GPA.

GRADE POINT AVERAGE COMPUTATION

Each letter grade awarded to a student is assigned a point value. A student may determine the grade points for each course by multiplying the number of points the grade is worth by the number of credit hours the course carries. Thus, an "A" letter grade (worth 4 points) in a 3-credit hour course is worth 12 points, and a "B" letter grade (worth 3 points) in the same course is worth 9 points. The GPA is determined by adding the total point values for all courses and dividing the total point values by the total number of credit hours attempted during the same period of time (See table below). Developmental courses are not included in the computation of cumulative grade point averages, but are calculated in the semester GPA.

Grading Computation Schedule

| Course | | | Credit Hours | | Grade & Value | | Grade Points |
|--|----------|---------------------|-----------------|---|------------------|---|-----------------|
| CIS | 120 3 | Intro to Computers | 3 | x | B(3) | = | 9 |
| CIS | 120 6 | CISCO Networking II | 6 | x | A(4) | = | 24 |
| HIST | 288 3 | Arkansas History | 3 | x | B(3) | = | 9 |
| MATH | 102 3 | College Algebra | 3 | x | A(4) | = | 12 |
| Total | | | <hr/> | | | | <hr/> |
| | | | 15 | | | | 54 |
| Divide the total hours (15) into the total grade-points (54) = 3.60 grade point average (GPA). | | | | | | | |

INCOMPLETE

A grade of "I" (incomplete) may be recorded when a student who has successfully completed 75% of the requirements of a course is unable to meet all course requirements for reasons beyond his/her control. Examples of such reasons would be the prolonged illness of the student or serious illness or death in the family. Procrastination, pressure of work in other courses, or employment are not satisfactory reasons. A grade of "I" will not be computed in the grade point average for the semester recorded; nonetheless, the "I" will be changed to a grade of "F" for grade and GPA purposes at the end of the next regular semester (fall or spring) unless course requirements are completed and the final grade is reported before the end of that semester.

The instructor will complete a written contract outlining necessary steps to change the "I" to a letter grade. Both the instructor and the student will sign and receive a copy of the contract. The original contract will be placed in the student's file in the Office of Admissions.

The student must inform the Financial Aid Office upon receiving an "I." It is possible that the incomplete grade could affect the student's financial aid for the following semester.

REPEATING OF COURSES

Students may repeat courses. The last grades earned become the official grades. The last grades are used in computing the cumulative grade point average.

CHANGE OF GRADE

If a student discovers a final grade discrepancy, he/she must contact the instructor. The instructor must submit a Grade Change Report form prior to the close of the regular (fall or spring) semester immediately following the one in which the original grade was recorded.

RECOGNITION OF ACADEMIC ACHIEVEMENT

An honor roll consisting of the Chancellor's List and the Vice Chancellor's List is published at the close of each semester. The names of those students who have requested non-disclosure on their applications for admission will not be published. Recognition of academic achievement is noted on the student's official transcript. Eligibility for the Chancellor's List and the Vice Chancellor's List requires at least 12 credit hours of college-level courses, not including courses beginning with a "0." The honor roll lists are based on the following criteria:

Chancellor's List: Full-time students whose grade point average for the semester is 4.00.

Vice Chancellor's List: Full-time students whose grade point average for the semester is within the range of 3.60 through 3.99.

ACADEMIC PROBATION AND SUSPENSION

ASUMH reserves the right to deny further attendance to a student who lacks the personal qualities, professional characteristics, or scholastic attainments essential for success.

A student will be placed on academic probation at the end of the first semester in which the student's cumulative grade point average (GPA) drops below 2.0. Academic probation does not prevent a student from enrolling in the next semester.

A student who is on academic probation must earn a minimum 2.0 semester grade point average at the end of the first semester on probation and each succeeding semester until the cumulative GPA is at a minimum of 2.0. Probation status is removed at the end of the semester when the cumulative GPA reaches a minimum 2.0.

A student who is on academic probation and does not achieve a minimum 2.0 semester GPA in the next or any succeeding semester will be academically suspended.

A student who is academically suspended will be suspended from enrollment for one semester (not counting summer terms). After one semester, the suspended student must meet with the vice chancellor for academic affairs before being re-admitted. Re-admittance is not automatic. If the student is re-admitted, he/she will be on academic probation and must adhere to the directions listed in paragraphs #2 and #3 above.

A student who is academically suspended for a second time will be academically dismissed from ASUMH for 2 years. After 2 years, the student must petition the vice chancellor for academic affairs in writing to be considered for re-admittance.

ACADEMIC CLEMENCY

Academic clemency means that students may petition to have previously earned credits and grades removed from the calculations of their cumulative grade point averages under the following guidelines:

1. Academic clemency may be granted to a returning student who has not been enrolled in an institution of higher education for a period of 2 years.
2. Returning students must petition for clemency upon application for re-admission by submitting a letter to the vice chancellor for academic affairs. The letter should include the student's past educational mistakes and resolutions for future educational success.
3. Transcripts will reflect all grades and credits although the forgiven credits will not count toward graduation or in the grade point average.
4. All credits earned in the semester for which clemency is requested are eliminated from the grade point average and from meeting graduation requirements.
5. Clemency petitions must be submitted to the Office of Academic Affairs for review.
6. Students receiving academic clemency are not eligible for the Chancellor's or Vice Chancellor's list or the Fran Coulter Honors Program.

TRANSCRIPT POLICIES

Transcripts are issued at the written request of the student or appropriate institutions and officials. Students may complete a transcript request form at the Office of the Registrar. Telephone requests for transcripts are not accepted.

Official transcripts of the student's ASUMH permanent record are issued on security paper with the embossed seal of the university.

Transcripts that have been presented for admission or evaluation of credit become a part of the student's permanent record and are not reissued. Transcripts from other institutions, if needed, must be obtained directly from the original issuing institution.

Transcripts or other evidence of attendance will not be issued to or for a student who is in debt to the university.

GRADUATION

REQUIREMENTS FOR AN ASSOCIATE DEGREE

For an associate degree, each candidate must meet the following general requirements:

1. Complete the curriculum as listed under the description of the associate degree program.
2. Complete at least 15 credit hours at ASUMH. A maximum of 15 credit hours of an associate degree program may be earned through examination (including CLEP and Advanced Placement), correspondence, evaluated military service credits, police academy, and USAFI courses.
3. Earn a grade of "C" or better in ENG 1003 and ENG 1013.
4. Submit an Intent to Graduate application by the date stated in the academic calendar to the Office of the Registrar before completing all degree requirements. (If the student is unable to graduate at the end of the semester for which application has been made, a new application must be filed during the semester in which the student expects to graduate.) An official record of concurrent, correspondence, or transfer work completed at another institution must be on file in the Office of the Registrar at least 6 weeks before the degree is to be granted.
5. Have a cumulative grade point average of 2.0; some majors require a "C" or better in all course work, and, if a transfer student, on all work taken from the transferring institution. If a student does not have the required grade point average when the Intent to Graduate application is filed, the student's name will not appear on the graduation list published for the enrollment period.
6. Complete graduation requirements under the provisions of an ASUMH catalog that is not more than 5 years old at the time of the student's graduation. This does not apply to programs that have been deleted from the curriculum. In the case of program deletions, those students majoring in these areas will be notified as soon as possible of this action.

7. Students may participate in Commencement exercises with up to 4 credit hours remaining on their course work. However, the degree will not be awarded until completion of all outstanding coursework.

REQUIREMENTS FOR A TECHNICAL CERTIFICATE

For a technical certificate, each candidate must meet the following general requirements:

1. Complete the curriculum as listed under the description of the technical certificate.
2. Complete at least 25 percent of course work at ASUMH.
3. Submit an Intent to Graduate application by the date stated in the academic calendar to the Office of the Registrar before completing all degree requirements. (If the student is unable to graduate at the end of the semester for which application has been made, a new application must be filed during the semester in which the student expects to graduate.) An official record of concurrent, correspondence, or transfer work completed at another institution must be on file in the Office of the Registrar at least 6 weeks before the certificate is to be granted.
4. Have a cumulative grade point average of 2.0. If a student does not have the required grade point average when the Intent to Graduate application is filed, the student may participate in the Commencement exercise, but will not officially graduate until a 2.0 GPA is obtained.
5. Complete graduation requirements under the provisions of an ASUMH catalog that is not more than 5 years old at the time of the student's graduation. This does not apply to programs that have been deleted from the curriculum. In the case of program deletions, those students majoring in these areas will be notified as soon as possible of this action.
6. Students may participate in Commencement exercises with up to 4 credit hours remaining on their coursework. However, the degree or certificate will be not awarded until completion of all outstanding coursework.

GRADUATION REQUIREMENTS

Student Responsibility for Meeting Graduation Requirements

Each student should thoroughly study this catalog and become completely familiar with the orga-

nization, policies, and regulations of ASUMH. Failure to do this may result in serious mistakes for which the student shall be held fully responsible.

Through academic advising, ASUMH assists each student in planning academic programs, developing course schedules, anticipating graduation requirements, and making decisions affecting educational growth and development. Academic advisors endeavor to provide such assistance in a timely and accurate manner. Meeting requirements for graduation is the responsibility of the student.

Candidates for Degrees

Students must initiate, complete, and file an Intent to Graduate application as indicated on the academic calendar. (If the student is unable to graduate at the end of the semester for which application has been made, a new Intent to Graduate application must be filed during the next semester in which the student expects to graduate.) An official record of concurrent, correspondence, or transfer work completed at another institution must be on file in the Office of the Registrar 6 weeks before the degree is to be granted.

SECOND ASSOCIATE DEGREE

Students who wish to complete a second associate degree in another field of study must satisfy degree requirements for the first degree and earn at least 15 additional semester hours while satisfying requirements for the second degree. The additional hours may be earned concurrent with or subsequent to completing the first associate degree. A candidate for a second associate degree must graduate under the provisions of an ASUMH catalog in effect during the time the student is pursuing the second degree.

DOUBLE MAJOR

Students may desire to complete a double major or a second emphasis within a degree. Students must meet all course requirements for both majors. Courses that are common to the 2 majors can be applied to both, but the student pursuing a double major must complete a minimum of 12 credit hours beyond those required for the first major. Students completing a degree with an emphasis area will only be awarded 1 diploma and will only be allowed to participate in commencement once.

GRADUATION WITH ACADEMIC DISTINCTION

ASUMH recognizes the academic achievement of graduating associate-degree students. To receive any of the following designations, students seeking their first associate degree must have completed at least 24 semester hours of graded course work offered by ASUMH.

1. Students with a grade point average of 4.00 on all work attempted, and, if transfer students, on all ASUMH work, shall be designated as graduating summa cum laude.
2. Students with grade point averages of 3.80 – 3.99 on all work attempted, and, if transfer students, on all ASUMH work, shall be designated as graduating magna cum laude.
3. Students with grade point averages of 3.60 – 3.79 on all work attempted, and, if transfer students, on all ASUMH work, shall be designated as graduating cum laude.



Academic Programs



DEGREE PROGRAMS

ACADEMIC PROGRAMS

| | |
|-----|--|
| AA | Associate of Arts |
| AGS | Associate of General Studies |
| AS | <p>Associate of Science in Agricultural & Natural Resources</p> <ul style="list-style-type: none"> • Natural Resources Track • Agricultural Resources Track <p><i>(Degree pending Arkansas Department of Higher Education approval. Course work subject to change.)</i></p> <p>Associate of Science in Business</p> <p>Associate of Science in Criminal Justice</p> |
| ASE | <p>Associate of Science in Education</p> <ul style="list-style-type: none"> • Elementary Education (K-Grade 6) • Middle School Education (4-8) |
| AAS | <p>Associate of Applied Science in Criminal Justice</p> <p>Associate of Applied Science in Funeral Science</p> <p>Associate of Applied Science in Information Systems Technology</p> <ul style="list-style-type: none"> • Graphic Design • Networking Specialist • Web Development <p>Associate of Applied Science in Management</p> <ul style="list-style-type: none"> • Accounting/Finance • Business Development • Hospitality • Office <p>Associate of Applied Science in Paramedic Technology</p> <p>Associate of Applied Science in Registered Nursing</p> <p>Associate of Applied Science in Respiratory Care</p> <p>Associate of Applied Science in Welding Technology</p> <ul style="list-style-type: none"> • Gas Tungsten • Pipe Welding <p>Associate of Applied Science in Workforce Technology</p> |

- Automotive Systems Repair
- Heating, Ventilation, and Air Conditioning (HVAC)
- Mechatronics

TECHNICAL CERTIFICATE PROGRAMS

Accounting/Finance
 Automotive Systems Repair
 Funeral Science
 General Business
 Health Professions
 Heating, Ventilation, and Air Conditioning (HVAC)
 Hospitality
 Information Systems Technology
 Mechatronics (Advanced Manufacturing)
 Paramedic Technology
 Practical Nursing
 Welding

CERTIFICATES OF PROFICIENCY

A+ Computer Technician
 Automotive Systems Repair
 Certified Nursing Assistant (CNA)
 Certified Nursing Assistant (CNA) Medication Assistant
 CISCO Networking
 Graphic Design
 Emergency Medical Technician
 Heating, Ventilation, and Air Conditioning (HVAC)
 Mechatronics (Advanced Manufacturing)
 Phlebotomy
 Professional Medical Coder
 Web Development
 Welding

FRAN COULTER HONORS PROGRAM

The Fran Coulter Honors Program was created to recognize academic excellence and to provide courses to challenge highly-motivated, intellectually-talented, academically well-prepared, and/or creative students. An additional purpose is to enhance the image of the community

college as a place associated with quality scholarly pursuits and activities.

Through participation in the program, students are encouraged to develop their full potential in leadership and scholarship through a variety of educational activities by working with a select group of dedicated faculty, both within and outside of the classroom setting, and through interaction with other honors program students.

ONLINE COURSES

Blackboard Learning System™ is a learning management system that was selected by ASUMH to deliver online course content. With many tools and features, Blackboard is able to emulate an in-class setting within an online environment.

Blackboard is an integrated set of Web-based tools for course management and delivery. It was built by educators at the University of British Columbia as a tool to allow other educators to build sophisticated Web-based learning environments without a lot of time, resources or technical expertise. It also allows any student who knows how to navigate the Internet to be able to participate in an online class. It is used both in a distance learning setting (completely Web-based) and as a supplement to lecture-based courses at ASUMH.

Blackboard provides a platform which supports both online and seated classes at ASUMH. All students access Blackboard through the ASUMH MyCampus Portal using a unique username and password.

ASSESSMENT

Each academic program has an assessment program to collect information that will be used to make decisions to improve the curriculum and instruction. The assessment program is designed to help instructors in the academic programs and those teaching general education courses focus on what is taught and whether it is being taught successfully. Students participate in a variety of assessment activities designed to assess learning.

GENERAL EDUCATION PHILOSOPHY AND OUTCOMES

ASUMH believes general education is the hallmark of any educational program. Students use these foundation skills to build upon as they advance in their continued education, careers, or personal endeavors. The general education curriculum at ASUMH is routinely evaluated to determine its rigor; also, the Arkansas Department of Higher Education evaluates all academic programs on a rotational basis.

Not only does general education play a pivotal role in the Associate of Arts program, but it also has relevance in the other degree programs. All Associate of Applied Science degrees at ASUMH

require that at least 18 hours of the programs be devoted to general education core courses. Every effort is made to ensure that students are exposed to the foundation courses generally required of all well-rounded educated individuals.

ASUMH offers a comprehensive general education core that challenges students to acquire skills and knowledge that allow them to flourish in their professional and personal lives. The general education core [18 hours] is designed to give students the ability to master basic skills in English/communications, mathematics, science, and social science. The general education core is the foundation of all Associate Degree programs at ASUMH.

The General Education Outcomes:

- 1. Students will learn basic skills in English/communications, mathematics, social science, and the sciences.
- 2. Students will communicate in written and verbal forms.
- 3. Students will be exposed to diversity issues.
- 4. Students will use technology for academic and personal purposes.

STATE MINIMUM CORE CURRICULUM FOR BACCALAUREATE DEGREES

Arkansas Act 98 of 1989 provides that the State Board of Higher Education “shall establish in consultation with the colleges and universities a minimum core of courses which shall apply toward the general education core curriculum requirements for baccalaureate degrees at state supported institutions of higher education and which shall be fully transferable between state institutions.” The required courses total 35 semester hours.

The following ASUMH courses have been approved by the Arkansas Department of Higher Education to meet the 35-hour core requirement.

English/Communications – Nine (9) credit hours required from the following:

| | | |
|------|------|--------------------|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| SPCH | 1203 | Oral Communication |

Math – Three (3) credit hours required from the following:

| | | |
|------|------|--|
| MATH | 1023 | College Algebra or any higher level mathematics course for which College Algebra is a pre-requisite. |
|------|------|--|

Science - Eight (8) credit hours required from the following:

Four (4) credit hours required (Select 1 course)

| | | |
|------|------|-------------------------------------|
| BIOL | 1004 | Biological Science & Lab |
| BIOL | 2004 | Human Anatomy & Physiology & Lab I |
| BIOL | 2014 | Human Anatomy & Physiology & Lab II |
| BIOL | 2104 | Microbiology & Lab |

Four (4) credit hours required (Select 1 Course)

| | | |
|------|------|---|
| GEOL | 1004 | Physical Geology & Lab |
| PHYS | 1204 | Physical Science & Lab |
| CHEM | 1004 | Chemistry for Healthcare Professions & Lab (only for selected programs—see advisor) |
| CHEM | 1014 | General Chemistry & Lab |
| CHEM | 1024 | General Chemistry II & Lab |

Fine Arts/Humanities – Six (6) credit hours required from the following:

Three (3) hours required (Select 1 course)

| | | |
|-----|------|---------------------|
| ENG | 2003 | World Literature I |
| ENG | 2013 | World Literature II |

Three (3) hours required (Select 1 Course)

| | | |
|------|------|----------------------------|
| PHIL | 1103 | Introduction to Philosophy |
| ART | 2503 | Fine Arts – Visual |
| MUS | 2503 | Fine Arts – Music |
| THEA | 2503 | Fine Arts – Theatre |

Social Science – Nine (9) credit hours required from the following:

Three (3) credit hours required (Select 1 course)

| | | |
|------|------|-------------------------------|
| HIST | 1013 | World Civilization to 1660 |
| HIST | 1023 | World Civilization since 1660 |

Three (3) credit hours required (Select 1 course)

| | | |
|------|------|------------------------------|
| HIST | 2763 | The United States to 1876 |
| HIST | 2773 | The United States since 1876 |
| POSC | 2103 | United States Government |

Three (3) credit hours required (Select 1 course)

| | | |
|-------|------|---------------------------------------|
| ECON | 2313 | Principles of Macroeconomics |
| ECON | 2333 | Economic Issues and Concepts |
| GEOG | 2613 | Physical Geography |
| GEOG | 2703 | World Geography |
| PSY | 2513 | Introduction to Psychology |
| SOC | 2213 | Principles of Sociology |
| SOC | 2223 | Social Problems |
| SOC | 2233 | Introduction to Cultural Anthropology |
| *POSC | 2103 | United States Government |

*If not selected to meet U. S. History/Government requirement.

ASSOCIATE OF ARTS DEGREE PROGRAM

The Associate of Arts degree is designed for students who wish to continue their education after completion of the degree. Satisfactory completion of an Associate of Arts degree will be accepted as satisfying the general education requirements of participating four-year institutions. Students should select their electives based on the specific degree requirements at the institution expected to award the baccalaureate degree.

Composition (6 credit hours)

| | | |
|-----|------|----------------|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |

Mathematics (3 credit hours)

| | | |
|---|-------|---------------------------|
| MATH | 1023 | College Algebra or |
| MATH | 1043* | Quantitative Reasoning |
| (Students may substitute a higher level mathematics course for which College Algebra is a pre-requisite.) | | |
| *Quantitative Reasoning is an alternative to College Algebra for some four year degrees. Check with the receiving institution to see which math class is preferred. | | |

Fine Arts/Humanities (6 credit hours)

(Students must select at least one fine arts and one humanities course.)

Fine Arts:

| | | |
|------|------|------------------------------|
| ART | 2503 | Fine Arts – Visual or |
| MUS | 2503 | Fine Arts – Music or |
| THEA | 2503 | Fine Arts – Theatre |

Humanities:

| | | |
|-----|------|------------------------------|
| ENG | 2003 | World Literature I or |
| ENG | 2013 | World Literature II |

Social Science/Understanding Global Issues (9 credit hours) (Select 3 courses)

| | | |
|------|------|---------------------------------------|
| ECON | 2313 | Principles of Macroeconomics |
| ECON | 2333 | Economic Issues and Concepts |
| GEOG | 2613 | Physical Geography |
| GEOG | 2703 | World Geography |
| HIST | 1013 | World Civilization to 1660 |
| HIST | 1023 | World Civilization since 1660 |
| PSY | 2513 | Introduction to Psychology |
| SOC | 2213 | Principles of Sociology |
| SOC | 2233 | Introduction to Cultural Anthropology |

U.S. History/Government (3 credit hours) (Select 1 course)

| | | |
|------|------|--|
| HIST | 2763 | The United States to 1876 or |
| HIST | 2773 | The United States since 1876 or |
| POSC | 2103 | United States Government |

Life Science (8 credit hours)

Life Science:

| | | |
|-------|------|----------------------------|
| *BIOL | 1004 | Biological Science and Lab |
|-------|------|----------------------------|

(Students may substitute a higher level biology course and its laboratory.)

Physical Sciences: (4 credit hours) (Select one of the following:)

| | | |
|--------|------|---|
| CHEM | 1004 | Chemistry for Healthcare Professions & Lab (only for selected programs - see advisor) |
| CHEM | 1014 | General Chemistry I and Lab |
| GEOL | 1004 | Physical Geology and Lab |
| **PHYS | 1204 | Physical Science and Lab |

PHYS 2054 General Physics I and Lab
ASUMH Institutional Requirements (10 credit hours)

(7 credit hours:)

| | | |
|------|------|-----------------------|
| CIS | 1053 | Computer Essentials |
| ORT | 1011 | First Year Experience |
| SPCH | 1203 | Oral Communication |

(Select 3 credit hours from the following courses:)

| | | |
|-----|------|---------------------------------------|
| HLT | 2203 | Basic Human Nutrition or |
| PE | 1002 | Concepts of Physical Activity, and |
| PE | 1201 | Beginning Weight Training I or |
| PE | 1701 | Tae Kwon Do or |
| PE | 1851 | Yoga or |
| PE | 1911 | Aerobic Exercise (Zumba) |

Directed Electives (15 credit hours) (Must select from following areas)
 Courses taken to satisfy U.S. History/Government, General Education Core, and Institutional Requirements cannot fulfill the Directed Elective requirement.

ART - Art
 BIOL - Biology
 CHEM - Chemistry
 ECON - Economics
 ENG - English
 CRJ 1023 Introduction to Criminal Justice - only CRJ course that can be used as an elective
 FRN - French
 GEOG - Geography
 GEOL - Geology
 GRM - German
 HIST - History
 MATH - Mathematics
 MUS - Music
 PHIL - Philosophy

PHYS - Physics
 POSC - Political Science
 PSY - Psychology
 SOC - Sociology
 SPCH - Oral Communication
 SPN - Spanish
 THEA - Theatre

General Education Total 35 Hours

Program Total 60 Hours

*This course may also be fulfilled by successfully completing these two course numbers: BIOL 1003 and BIOL 1001.

**This course may also be fulfilled by successfully completing these two course numbers: PHYS 1203 and PHYS 1201.

ASSOCIATE OF GENERAL STUDIES

The Associate of General Studies Degree (A.G.S.) offers students maximum flexibility in selecting courses to meet their individual employment and educational goals. Although many courses leading to the Associate of General Studies Degree may be transferable on an individual basis, sometimes the combination of courses will not complete a major area suitable for transfer. Students should see an advisor pertaining to the transfer of courses taken to complete the Associate of General Studies Degree.

General Education Requirements (15 credit hours)

| | | |
|------|------|---------------------------------------|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| MATH | 1113 | Applied Math or |
| MATH | 1023 | College Algebra or |
| MATH | 1043 | Quantitative Reasoning |
| CIS | 1203 | Introduction to Computers , or |

| | | |
|-----|------|---|
| CIS | 1053 | Computer Essentials Social Science elective (Choose any three credit hour course from GEOG, HIST, ECON 2313, POSC, PSY, or SOC) |
|-----|------|---|

Directed Electives (45 credit hours)

45 credit hours of general education and/or occupation-related courses approved by an advisor to meet the student's educational/occupational goals.

Program Total 60 Hours

ASSOCIATE OF SCIENCE IN AGRICULTURAL & NATURAL RESOURCES

This program of study emphasizes the application of both business and scientific principles to the problems/issues confronting natural resource agencies and agribusinesses. Students will have an opportunity to pursue a rigorous program of study in both natural sciences and business administration leading to a career with a wide range of employment opportunities. The program will ready students to serve entities such as the USDA, National Park Service, and the U.S. Fish and Wildlife Service while also laying the academic foundation for a transfer to several 4-year programs.

(Degree pending Arkansas Department of Higher Education approval. Course work subject to change.)

General Education Requirements (35 credit hours)

Composition (6 credit hours)

| | | |
|-----|------|----------------|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |

Mathematics (3 credit hours) (select 1 course)

| | | |
|------|------|-----------------|
| MATH | 1023 | College Algebra |
|------|------|-----------------|

Science (8 credit hours)

| | | |
|------|------|-----------------------------|
| BIOL | 1004 | Biological Science and Lab |
| CHEM | 1014 | General Chemistry I and Lab |

Fine Arts (select 1 course):

| | | |
|-----|------|------------------------------|
| ART | 2503 | Fine Arts – Visual or |
| MUS | 2503 | Fine Arts – Music or |

| | | |
|-------------------------------|------|------------------------------|
| THEA | 2503 | Fine Arts – Theatre |
| Humanities (select 1 course): | | |
| ENG | 2003 | World Literature I or |
| ENG | 2013 | World Literature II |

Social Science (6 credit hours)

| | | |
|------|------|------------------------------|
| ECON | 2313 | Principles of Macroeconomics |
| HIST | 1013 | World Civ to 1660 or |
| HIST | 1023 | World Civ since 1660 |

U.S. History/Government (3 credit hours) (select 1 course)

| | | |
|------|------|--|
| HIST | 2763 | The United States to 1876 or |
| HIST | 2773 | The United States since 1876 or |
| POSC | 2103 | United States Government |

Communication (3 credit hours)

| | | |
|------|------|--------------------|
| SPCH | 1203 | Oral Communication |
|------|------|--------------------|

Choose one of two Tracks:

1 - Agricultural Resources Track

2 - Natural Resources Track

1 - Agricultural Resources Track (Choose one of two areas of emphasis)

Institutional Requirements (1-3 credit hours)

| | | |
|-----|------|-------------------------------|
| CIS | 1053 | Computer Essentials or |
| ORT | 1011 | First Year Experience |

Ag Business Core (13 credit hours)

| | | |
|------|------|---------------------------------|
| AGEC | 1003 | Intro to Agricultural Economics |
| ANSC | 1204 | Introduction to Animal Science |
| PSSC | 1303 | Introduction to Plant Science |
| PSSC | 2813 | Soils |

Emphasis 1 - Agricultural Business (9 credit hours)

| | | |
|------|------|------------------------------|
| ACCT | 2003 | Principles of Accounting I |
| ACCT | 2013 | Principles of Accounting II |
| ECON | 2323 | Principles of Microeconomics |

OR

Emphasis 2 - Agricultural Science (9 credit hours)

| | | |
|------|------|------------------------------|
| ANSC | 2213 | Feeds and Feeding |
| ANSC | 2623 | Equine Health and Management |
| PSSC | 2803 | Field Crops |

Program Total: 60-62 hours

2 - Natural Resources Track (Choose one of two areas of emphasis)

Natural Science Core (12 credit hours)

| | | |
|------|------|---------------------------------|
| BIOL | 1104 | Introduction to Botany and Lab |
| BIOL | 1114 | Introduction to Zoology and Lab |
| CHEM | 1024 | General Chemistry II and Lab |

Emphasis 1 - Natural Resource Management (Select 13-14 credit hours) (Required by ASUJ)

| | | |
|------|------|---|
| BIOL | 2913 | Legal Aspects of Environmental Management |
| BUS | 2113 | Statistics |
| BIOL | 2104 | Microbiology and Lab |
| BIOL | 2903 | Natural Resources Internship or |
| GEOG | 1233 | Geographic Information Systems |

Emphasis 2 - Natural Resource Science (Select 13-14 credit hours) (Required by UCA)

| | | |
|------|------|--------------------------------|
| BUS | 2113 | Statistics |
| GEOL | 1104 | Geographic Information Systems |
| GEOG | 1233 | Introduction to GIS |
| MATH | 2204 | Calculus I or |
| BIOL | 2903 | Natural Resources Internship |

Program Total 60-61 hours

ASSOCIATE OF SCIENCE IN BUSINESS

The Associate of Science Degree in Business is designed for students preparing to transfer to a 4-year institution to obtain a baccalaureate degree in the field of business. This degree is accepted at most 4-year public universities in Arkansas upon completion of the entire degree. Students pursuing this degree should contact the university where they plan to transfer to obtain the baccalaureate degree(s) aligned with the AS in Business.

General Education Requirements (38 credit hours)

English/Communication (9 credit hours)

| | | |
|------|------|------------------------------|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| SPCH | 1203 | Oral Communication or |
| BUS | 2563 | Business Communications |

Mathematics (6 credit hours)

| | | |
|------|------|-------------------|
| MATH | 1023 | College Algebra |
| MATH | 2143 | Business Calculus |

Science (8 credit hours)

| | | |
|--------|------|--------------------------|
| * BIOL | 1004 | Biological Science & Lab |
| **PHYS | 1204 | Physical Science & Lab |

Fine Arts (3 credit hours) (Select 1 course)

| | | |
|------|------|-------------------------------|
| ART | 2503 | Fine Arts – Visual, or |
| MUS | 2503 | Fine Arts – Music, or |
| THEA | 2503 | Fine Arts - Theatre |

Humanities (3 credit hours)

| | | |
|-----|------|-------------------------------|
| ENG | 2003 | World Literature I, or |
| ENG | 2013 | World Literature II |

Social Sciences (9 credit hours)

| | | |
|------|------|---|
| HIST | 1013 | World Civilization to 1660, or |
| HIST | 1023 | World Civilization since 1660 |
| HIST | 2763 | The United States to 1876, or |
| HIST | 2773 | The United States since 1876, or |
| POSC | 2103 | United States Government |
| SOC | 2213 | Principles of Sociology |

Business Core Requirements (24 credit hours)

| | | |
|--|------|-------------------------------------|
| ACC | 2003 | Principles of Accounting I |
| ACC | 2013 | Principles of Accounting II |
| BUS | 2023 | Legal Environment of Business |
| BUS | 2113 | Business Statistics |
| CIS | 2503 | Microcomputer Business Applications |
| ECON | 2313 | Principles of Macroeconomics |
| ECON | 2323 | Principles of Microeconomics |
| One 3 credit hour Directed Elective*** | | |

Program Total 62 Hours

*This course may also be fulfilled by successfully completing these two course numbers: BIOL 1003 and BIOL 1001.

**This course may also be fulfilled by successfully completing these two course numbers: PHYS 1203 and PHYS 1201.

***Based on the requirement of the 4-year transfer university.

ASSOCIATE OF SCIENCE IN CRIMINAL JUSTICE (A.S)

The Associate of Science Degree in Criminal Justice is designed for students preparing to transfer to ASU-Jonesboro to obtain a baccalaureate degree in the field of criminology. While ASU-Jonesboro accepts this transfer degree in its entirety, it is not given that the A.S. degree will transfer to other baccalaureate programs.

General Education Requirements (35 credit hours)

English (6 credit hours)

| | | |
|-----|------|--|
| ENG | 1003 | Composition I (must earn a "C" or better) |
| ENG | 1013 | Composition II (must earn a "C" or better) |

Mathematics (3 credit hours)

| | | |
|------|------|---------------------------|
| MATH | 1023 | College Algebra or |
| MATH | 1043 | Quantitative Reasoning |

Science (8 credit hours)**Life Science** (4 credit hours)

| | | |
|------|------|----------------------------|
| BIOL | 1004 | Biological Science and Lab |
|------|------|----------------------------|

Physical Sciences (4 credit hours) (Select 1 course)

| | | |
|------|------|--|
| CHEM | 1014 | General Chemistry I and Lab, or |
| GEOL | 1004 | Physical Geology and Lab, or |
| PHYS | 1204 | Physical Science and Lab, or |
| PHYS | 2054 | General Physics I and Lab |

Fine Arts (3 credit hours) (Select 1 course)

| | | |
|------|------|------------------------------|
| ART | 2503 | Fine Arts – Visual or |
| MUS | 2503 | Fine Arts – Music or |
| THEA | 2503 | Fine Arts – Theatre |

Humanities (3 credit hours) (Select 1 course)

| | | |
|------|------|-------------------------------|
| ENG | 2003 | World Literature I or |
| ENG | 2013 | World Literature II or |
| PHIL | 1103 | Introduction to Philosophy |

Social Sciences (12 credit hours) (The student must select one United States History course)

| | | |
|------|------|-------------------------------------|
| HIST | 2763 | The United States to 1876 or |
| HIST | 2773 | The United States since 1876 |

| | | |
|------|------|----------------------------|
| POSC | 2103 | United States Government |
| PSY | 2513 | Introduction to Psychology |
| SOC | 2213 | Principles of Sociology |

Criminal Justice Core (25 credit hours)**Required courses** (12 credit hours)

| | | |
|---|-------|----------------------------------|
| CRJ/SOC | 1023* | Introduction to Criminal Justice |
| This course is a pre-requisite for CRIM 4103 Criminal Justice | | |

| | | |
|-----|-------|---|
| | | Systems for students planning to complete the Arkansas State University – Jonesboro Bachelor of Arts in Criminology degree. |
| CRJ | 2263* | Criminal Evidence and Procedure |
| CRJ | 1053 | Criminology |
| SPN | 2023 | Intermediate Spanish II |
| | | Student must complete Intermediate Spanish II for degree completion. However, if student does not have the pre-requisite courses required for Intermediate Spanish II, he/she must complete courses according to placement. The pre-requisite Spanish courses may be used as elective credits. To determine placement, student must provide official transcript from high school or college with successful course(s) completed ("C" or better). [Note: If student has not completed lower level Spanish course(s) but is proficient in Spanish, Spanish instructor may recommend placement based on proficiency exam.] |

Criminal Justice/Spanish Electives** (at least 13 credit hours)

| | | |
|-----|--------|--|
| CRJ | 2033* | Juvenile Delinquency |
| CRJ | 2043 | Community Relations in Law Enforcement |
| CRJ | 2253* | Criminal Investigation |
| SPN | 1013** | Elementary Spanish I |
| SPN | 1023** | Elementary Spanish II |
| SPN | 2013** | Intermediate Spanish I |
| SOC | 2223 | Social Problems |

Program Total 60 hours

* Students who are employed law enforcement officers and have completed Police Academy Training may be eligible to receive credit for some of these courses. See the Registrar before enrolling.

** Students should choose Spanish based on placement. (See Spanish instructor to determine placement.)

ASSOCIATE OF SCIENCE IN EDUCATION

ELEMENTARY EDUCATION

(K – GRADE 6)

The Associate of Science in Education degree is designed for students preparing to transfer to a four-year institution to obtain a baccalaureate degree in elementary or mid-level education and teacher certification. The program incorporates foundation coursework in teacher education, field-based experience, and content coursework in a selected certification area. While this degree is widely accepted at 4-year public universities and colleges in Arkansas, student should check with transfer institution to ensure best choices of courses. A 2.75 GPA is required for graduation from the ASE program.

Students must successfully pass the Praxis I to be accepted for transfer with junior classification. The ASE degree does not guarantee acceptance into a 4-year teacher education program.

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)

| | | |
|------|------|--------------------|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| SPCH | 1203 | Oral Communication |

Mathematics (3 credit hours)

| | | |
|------|------|-----------------|
| MATH | 1023 | College Algebra |
|------|------|-----------------|

Lab Sciences (8 credit hours)

| | | |
|--------|------|----------------------------|
| * BIOL | 1004 | Biological Science and Lab |
| **PHYS | 1204 | Physical Science and Lab |

Fine Arts (3 credit hours) (Select 1 course)

| | | |
|------|------|------------------------------|
| ART | 2503 | Fine Arts – Visual or |
| MUS | 2503 | Fine Arts – Music or |
| THEA | 2503 | Fine Arts – Theatre |

Humanities (3 credit hours) (Select 1 course)

| | | |
|-----|------|------------------------------|
| ENG | 2003 | World Literature I or |
| ENG | 2013 | World Literature II |

Social Sciences (9 credit hours)

| | | |
|------|------|--------------------------------------|
| HIST | 1013 | World Civilization to 1660 or |
| HIST | 1023 | World Civilization since 1660 |
| HIST | 2763 | The United States to 1876 or |
| HIST | 2773 | The United States since 1876 |
| POSC | 2103 | United States Government |

Education Requirements (27-28 credit hours)**Education Core** (12 credit hours)

| | | |
|------|------|--|
| EDU | 2033 | Introduction to Education |
| EDU | 2043 | Exceptional Child (Not required of UCA mid-level) |
| EDU | 2803 | Introduction to K-12 Educational Technology |
| HIST | 2883 | Arkansas History |

K-6 Specialty Content (15-16 credit hours)

| | | |
|------|------|--|
| EDU | 2113 | Child Growth and Learning |
| MATH | 2113 | Mathematics for Teachers I |
| MATH | 2123 | Mathematics for Teachers II |
| BIOL | 2004 | Human Anatomy and Physiology and Lab I or |
| GEOG | 2613 | Physical Geography or |
| GEOL | 1104 | Earth Science and Lab (required of UCA) |
| ECON | 2313 | Principles of Macroeconomics or |
| GEOG | 1103 | Introduction to Geography |

Program Total 62-63 Hours

*This course may also be fulfilled by successfully completing these two course numbers: BIOL 1003 and BIOL 1001.

**This course may also be fulfilled by successfully completing these two course numbers: PHYS 1203 and PHYS 1201.

ASSOCIATE OF SCIENCE IN EDUCATION MIDDLE SCHOOL 4-8

The Associate of Science in Education degree is designed for students preparing to transfer to a four-year institution to obtain a baccalaureate degree in elementary or mid-level education and teacher certification. The program incorporates foundation coursework in teacher education, field based experience, and content coursework in a selected certification area. While this degree is widely accepted at 4-year public universities and colleges in Arkansas, student should check with transfer institution to ensure best choices of courses. A 2.75 GPA is required for graduation from the ASE program.

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)

| | | |
|------|------|--------------------|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| SPCH | 1203 | Oral Communication |

Mathematics (3 credit hours)

| | | |
|------|------|-----------------|
| MATH | 1023 | College Algebra |
|------|------|-----------------|

Lab Sciences (8 credit hours)

| | | |
|--------|------|----------------------------|
| *BIOL | 1004 | Biological Science and Lab |
| **PHYS | 1204 | Physical Science and Lab |

Fine Arts (3 credit hours) (Select 1 course)

| | | |
|------|------|------------------------------|
| ART | 2503 | Fine Arts - Visual or |
| MUS | 2503 | Fine Arts - Music or |
| THEA | 2503 | Fine Arts - Theatre |

Humanities (3 credit hours) (Select 1 course)

| | | |
|-----|------|------------------------------|
| ENG | 2003 | World Literature I or |
| ENG | 2013 | World Literature II |

Social Sciences (9 credit hours)

| | | |
|------|------|--------------------------------------|
| HIST | 1013 | World Civilization to 1660 or |
| HIST | 1023 | World Civilization since 1660 |
| HIST | 2763 | The United States to 1876 or |

| | | |
|------|------|------------------------------|
| HIST | 2773 | The United States since 1876 |
| POSC | 2103 | United States Government |

Education Requirements (26 credit hours)

Education Core (12 credit hours)

| | | |
|------|------|--|
| EDU | 2033 | Introduction to Education |
| EDU | 2043 | Exceptional Child (Not required of UCA mid-level) |
| EDU | 2803 | Introduction to K-12 Educational Technology |
| HIST | 2883 | Arkansas History |

*This course may also be fulfilled by successfully completing these two course numbers: BIOL 1003 and BIOL 1001.

**This course may also be fulfilled by successfully completing these two course numbers: PHYS 1203 and PHYS 1201.

NOTE: Students pursuing a degree in middle level education must take PSY 2513 AND select from TWO of the four content blocks below and complete a minimum of 15 credit hours therein. Any courses listed in the TWO chosen blocks that are not completed as a part of the General Education requirements of the Associate of Science in Education may be chosen as specialty content courses.

Middle Level Specialty Content (18-19 credit hours)

| | | |
|-----|------|----------------------------|
| PSY | 2513 | Introduction to Psychology |
|-----|------|----------------------------|

1. Middle Level Language Arts

| | | |
|-----|------|---|
| ENG | 2323 | American Literature I |
| ENG | 2363 | American Literature II |
| ENG | 2373 | Comparative Modern Grammars |
| ENG | 2113 | Introduction to Fiction (not accepted at UCA) |

2. Middle Level Mathematics

| | | |
|------|------|-----------------------------|
| MATH | 2113 | Mathematics for Teachers I |
| MATH | 2123 | Mathematics for Teachers II |
| MATH | 2194 | Survey of Calculus |
| MATH | 2204 | Calculus I |

3. Middle Level Science

| | | |
|------|------|--------------------------------------|
| BIOL | 2004 | Human Anatomy and Physiology & Lab I |
| CHEM | 1014 | General Chemistry I and Lab |
| GEOL | 1104 | Earth Science and Lab |

4. Middle Level Social Studies

| | | |
|------|------|--|
| ECON | 2313 | Principles of Macroeconomics or |
| GEOG | 1103 | Introduction to Geography |
| HIST | 1013 | World Civilization to 1660 or |
| HIST | 1023 | World Civilization since 1660 |
| HIST | 2763 | The United States to 1876 or |
| HIST | 2773 | The United States since 1876 |

Program Total 65-66 hours

THE ASSOCIATE OF APPLIED SCIENCE (A.A.S.)

The Associate of Applied Science Degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution. While a few institutions have recently begun to accept some courses in A.A.S. programs, the general rule is that courses in the A.A.S. degree are not accepted in transfer toward bachelor's degrees. Students to whom transfer is important should get assurance in writing in advance from the institution to which they wish to transfer.

ASSOCIATE OF APPLIED SCIENCE IN CRIMINAL JUSTICE

The program is designed for graduates to pursue a career in criminal justice. Credit will be awarded to those students who have completed applicable course work at the Arkansas Police Academy.

Students pursuing an A.A.S. in Criminal Justice should be aware that a criminal history might prevent them from eligibility for completing CRJ 2273 Criminal Justice Internship. This course requires a criminal background check.

Student Learning Outcomes for Criminal Justice Program

1. Students will increase their knowledge of the Criminal Justice System.

2. Students will demonstrate knowledge of theories associated with the causes of crime.
3. Students will develop an understanding of various approaches to addressing crime.
4. Students will be able to identify primary branches of the Criminal Justice System and their respective role.

General Education Requirements (24 credit hours)

| | | |
|------|------|---|
| CIS | 2503 | Microcomputer Business Apps |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| HIST | 2763 | The United States to 1876 or |
| HIST | 2773 | The United States since 1876 or |
| POSC | 2103 | United States Government |
| MATH | 1113 | Applied Math or higher level mathematics course |
| PSY | 2513 | Introduction to Psychology |
| SOC | 2213 | Principles of Sociology |
| SPCH | 1203 | Oral Communication or |
| BUS | 2563 | Business Communications |

Police Science Core (36 credit hours)

| | | |
|----------------------------|------|--|
| CRJ/SOC | 1023 | Introduction to Criminal Justice |
| CRJ | 1053 | Criminology |
| CRJ | 1223 | Police Organization and Administration |
| CRJ | 2033 | Juvenile Delinquency |
| CRJ | 2043 | Community Relations in Law Enforcement |
| CRJ | 2233 | Criminal Law I |
| CRJ | 2253 | Criminal Investigation |
| CRJ | 2263 | Criminal Evidence and Procedure |
| CRJ | 2273 | Criminal Justice Internship |
| SOC | 2223 | Social Problems |
| Electives (6 credit hours) | | |

Program Total 60 hours

ASSOCIATE OF APPLIED SCIENCE IN FUNERAL SCIENCE

The A.A.S. in Funeral Science is a two-year degree that offers the theoretical and practical application of funeral service education. The central aim of the Funeral Science program is the recognition of the importance of funeral service personnel as members of a human services profession; members of the community in which they serve; participants in the relationship between bereaved families and those engaged in the funeral service profession; professionals knowledgeable of and compliant with federal, state, provincial/territorial, and local regulatory guidelines in the geographic area where they practice; and professionals sensitive to the responsibility for public health, safety, and welfare in caring for human remains. Students are prepared for entry into the profession after graduation.

The Associate of Applied Science in Funeral Science degree program at Arkansas State University Mountain Home is accredited by the American Board of Funeral Service Education (ABFSE) 3414 Ashland Avenue, Suite G, St. Joseph, Missouri 64506 (816) 233-3747. Web: www.abfse.org

Student Learning Outcomes for Funeral Science Program

The Funeral Science Program has the following objectives:

- (1) To enlarge the background and knowledge of students about the funeral service profession
 - (a) To provide a basic understanding of human behavior and care of the bereaved
- (2) To educate students in every phase of funeral service and to help enable them to develop proficiency and skills necessary for the profession, as defined by the industry and the American Board of Funeral Science Education (ABFSE)
 - (a) To prepare students for immediate employment as funeral directors and embalmers
- (3) To educate students concerning the responsibilities of the funeral service profession to the community at large
 - (a) To assist funeral science students to realize their professional responsibilities to the community
 - (b) To promote the understanding of personal and public health and regulatory standards
- (4) to emphasize high standards of ethical conduct
 - (a) To instill high ethical, professional, and technical standards
 - (b) To develop a reverence for the deceased, showing proper dignity, sympathy, competence, and confidence in their skills
- (5) To provide a curriculum at the postsecondary level of instruction
- (6) To encourage student and faculty research in the field of funeral service

General Education Requirements (30 credit hours)

| | | |
|------|------|---|
| ACC | 1013 | Accounting for Funeral Science |
| BIOL | 1013 | Introduction to Human Anatomy and Physiology for Non-Health Majors |
| BIOL | 1113 | Pathology & Microbiology (Theory) |
| BUS | 2823 | Fundamentals of Small Business Management |
| CIS | 1203 | Introduction to Computers |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| MATH | 1113 | Applied Math or higher level mathematics course |
| SOC | 2263 | Comparative Religions |
| SPCH | 1203 | Oral Communication |

Funeral Science Core (35 credit hours)

| | | |
|-----|------|---|
| FUS | 1001 | Funeral Service Clinical I |
| FUS | 1003 | Embalming I |
| FUS | 1012 | Restorative Art I |
| FUS | 1022 | Funeral Service History, Ethics and Sociology |
| FUS | 1033 | Mortuary Chemistry |
| FUS | 1143 | Business and Funeral Service Law |
| FUS | 2001 | Funeral Service Clinical II |
| FUS | 2011 | Comprehensive Review 1: Sciences |
| FUS | 2021 | Comprehensive Review 2: Arts |
| FUS | 2022 | Restorative Art II |
| FUS | 2113 | Pathology & Microbiology (Applications) |
| FUS | 2123 | Embalming II |
| FUS | 2171 | Practicum I |
| FUS | 2181 | Practicum II |
| FUS | 2223 | Funeral Service Management and Merchandising |
| FUS | 2242 | Funeral Directing |
| FUS | 2253 | Funeral Service Psychology and Counseling |

Program Total 65 Hours

ASSOCIATE OF APPLIED SCIENCE IN INFORMATION SYSTEMS TECHNOLOGY

The program is designed for those students seeking a two-year degree in specific skills areas of computer technology. The program is flexible to accommodate individual student needs. The student may choose from three different degree emphases: Graphic Design, Networking Specialist or Web Development.

Student Learning Outcomes for Information Systems Technology Program

The Associate of Applied Science in Information Systems Technology program prepares graduates for entry-level employment and advancement in the computer graphics, Web development or networking fields. Students receive a foundation in networking technology or computer graphics, computer operations and technology security, as well as, general education. Successful completion of the program should enable students to:

1. Be employable in an entry-level computer graphics, computer technician, Web development or network technology environment.
2. Have a working knowledge of operating systems, hardware, software, networking technology or computer graphic applications in basic print and/or Web design.
3. Apply classroom theory with practical application through job-related experiences.
4. Have a working knowledge of security issues, risks, tools, policies and online resources.

Students may choose from three different degree emphases: Graphic Design, Networking Specialist or Web Development.

General Education Requirements (18 credit hours)

| | | |
|-----|------|---------------------------|
| BUS | 1413 | Business Math |
| CIS | 1203 | Introduction to Computers |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |

| | | |
|------|------|------------------------------|
| SPCH | 1203 | Oral Communication or |
| BUS | 2563 | Business Communications |

Social Science elective (Select any 3 credit hour course from GEOG, HIST, POSC, PSY, ECON 2313 or SOC)

Computer and Business Core (18 credit hours)

| | | |
|-----|------|--------------------------------------|
| BUS | 1013 | Introduction to Business |
| CIS | 1033 | Introduction to Computer Programming |
| CIS | 1113 | A+ Computer Technician I |

| | | |
|-----|------|-------------------------------------|
| CIS | 1503 | Introduction to Operating Systems |
| CIS | 2503 | Microcomputer Business Applications |
| CIS | 2673 | Computer Security |

Area of Emphasis (24 credit hours)

Graphic Design

| | | |
|-----|------|---|
| ART | 1013 | Design I or |
| ART | 1033 | Drawing I |
| BUS | 2513 | Fundamentals of Marketing |
| CIS | 1702 | Introduction to Digital Media |
| CIS | 1803 | Introduction to Digital Photography/Photoshop |
| CIS | 2313 | Desktop Publishing |
| CIS | 2333 | Computer Illustration |
| CIS | 2353 | Design/Layout |
| CIS | 2601 | Graphic Internship |
| CIS | 2623 | Website Design |

Networking Specialist

| | | |
|-----|------|-----------------------------|
| CIS | 1103 | Networking Concepts |
| CIS | 1106 | CISCO Network Academy I |
| CIS | 1206 | CISCO Network Academy II |
| CIS | 1223 | A+ Computer Technician II |
| CIS | 1312 | A+ Analysis and Application |
| CIS | 2703 | Networking Applications |
| CIS | 2801 | Networking Internship |

Web Development

| | | |
|-----|------|---|
| CIS | 1702 | Introduction to Digital Media |
| CIS | 1803 | Introduction to Digital Photography/Photoshop |
| CIS | 2353 | Design/Layout |
| CIS | 2563 | E-Commerce and Web Marketing |
| CIS | 2613 | Programming for the Internet |
| CIS | 2623 | Website Design |
| CIS | 2643 | Advanced Programming for the Internet |
| CIS | 2663 | Advanced Website Design |
| CIS | 2701 | Web Development Internship |

Program Total 60 Hours

ASSOCIATE OF APPLIED SCIENCE IN MANAGEMENT

The program is designed for those students seeking a two-year program in business or office management. The Business Development emphasis teaches the management of resources as well as the steps in starting a new business. The office emphasis focuses on working and managing in an office environment. Hospitality focuses on the management and customer service needs of the hospitality/tourism market. The needs for proper financial recordkeeping affects every business. The Accounting/Finance emphasis prepares students for an entry-level career in the financial services industry.

Student Learning Outcomes for Management Program

The Associate of Applied Science in Management program prepares graduates for entry-level employment and advancement in the business field. Students receive a foundation in business technology and management principles, computer operations, as well as general education. Successful completion of the program should enable students to:

1. Be employable in an entry-level management or business environment.
2. Have a working knowledge of current legal, ethical, social, financial, and economic environmental factors as they apply to business.
3. Have a working knowledge of computers using software packages to create spreadsheets, written reports, letters, presentations, communications with clients and co-workers, and other general office duties.
4. Be able to apply critical thinking to decision making.
5. Apply basic technical and theoretical aspects of the accounting field, including financial and managerial accounting, as well as implement basic accounting software.

General Education Requirements (18 credit hours)

| | | |
|------|------|-----------------------------------|
| BUS | 1413 | Business Math |
| CIS | 1053 | Computer Essentials or |
| CIS | 1203 | Introduction to Computers |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| BUS | 2563 | Business Communications or |
| SPCH | 1203 | Oral Communication |
| ECON | 2313 | Principles of Macroeconomics |

Business Core (24 credit hours)

| | | |
|-----|------|---------------------------------------|
| ACC | 2003 | Principles of Accounting I |
| BUS | 1013 | Introduction to Business |
| BUS | 2103 | Human Relations in Business |
| BUS | 2203 | Applied Business Ethics |
| BUS | 2833 | Principles of Management |
| BUS | 2853 | Business Leadership & Decision Making |
| CIS | 1003 | Computerized Office Accounting |
| CIS | 2503 | Microcomputer Business Applications |

Accounting/Finance (19 credit hours)

| | | |
|-----|------|---|
| ACC | 2001 | Individual Income Tax Accounting |
| ACC | 2013 | Principles of Accounting II |
| BUS | 1423 | Survey of Finance |
| BUS | 2302 | Professional Office Procedures |
| BUS | 2423 | Accounting/Finance Analysis and Application |
| BUS | 2413 | Principles of Banking |
| CIS | 1403 | Spreadsheet Applications |
| BUS | 2481 | Accounting/Finance Internship |

Business Development (18 credit hours)

| | | |
|-----|------|---|
| ACC | 2013 | Principles of Accounting II |
| BUS | 2023 | Legal Environment of Business |
| BUS | 2513 | Fundamentals of Marketing |
| BUS | 2823 | Fundamentals of Small Business Management |

Six (6) credit hours from ACC, BUS, CIS, ECON

Hospitality (18 credit hours)

| | | |
|-----|------|---|
| BUS | 1703 | Introduction to Hospitality Management |
| BUS | 1723 | Dining Service Management |
| BUS | 1732 | Food/Beverage Sanitation and Safety |
| BUS | 2723 | Lodging and Facilities Management |
| BUS | 2733 | Convention/Conference Sales and Service |
| BUS | 2781 | Hospitality Management Internship |

Three (3) credit hours from ACC, BUS, CIS, ECON

Office (18 credit hours)

| | | |
|---|------|--------------------------------|
| BUS | 1513 | Business Records Management |
| BUS | 2302 | Professional Office Procedures |
| BUS | 2851 | Office Internship |
| CIS | 2413 | Word Processing |
| CIS | 1403 | Spreadsheet Applications |
| Six (6) credit hours from ACC, BUS, CIS, ECON, OTS or HSA 2013 | | |

Program Total 60-61 Hours

ASSOCIATE OF APPLIED SCIENCE IN PARAMEDIC TECHNOLOGY

Graduates of this program are eligible to apply to the Arkansas Department of Health, EMS Division, and the National Registry of EMTs for the Paramedic Certificate Examination. Upon successfully passing the examination, the graduate will possess a paramedic certificate and can function as a team member on an ALS ambulance and within the pre-hospital environment. Interested applicants should see instructor for cost estimates.

Student Learning Outcomes for Paramedic Technology Program

1. The paramedic student will understand his/ her roles and responsibilities within the Emergency Medical Services System.
2. The paramedic student will be able to establish and/ or maintain a patent airway, oxygenate, and ventilate a patient.
3. The paramedic student will be able to take a proper history and perform a comprehensive physical exam on any patient, and communicate the findings to other healthcare professionals.
4. The paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma, medical, neonatal, pediatric, geriatric, diverse, and chronically ill patients and patients with common complaints.
5. The paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for neonatal, pediatric, and geriatric patients, diverse patients, and chronically ill patients.
6. The paramedic student will be able to safely manage the scene of an emergency.
7. The paramedic student will assess and manage patients in the clinical area and in the field environment based on age, complaint, and pathophysiology.
8. The paramedic student will complete a specified set of skills while in the clinical area and in the field environment.

Pre-requisite (17 credit hours)

| | | |
|------|------|--|
| BIOL | 1024 | Human Anatomy and Physiology for Healthcare Professions & Lab (Anatomy and Physiology I and II with Labs will be accepted.) |
| EMT | 1007 | Emergency Medical Technician |
| HSA | 2013 | Medical Terminology |
| PHRM | 1103 | Introduction to Pharmacology |

General Education Requirements (18 credit hours)

| | | |
|------|------|---|
| CIS | 1053 | Computer Essentials or |
| CIS | 1203 | Introduction to Computers |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| MATH | 1113 | Applied Math or higher level mathematics course |
| PSY | 2513 | Introduction to Psychology |
| SPCH | 1203 | Oral Communication |

Paramedic Technology Requirements (43 credit hours)

| | | |
|-----|------|--|
| PAR | 1013 | Foundations of the Paramedic with Lab |
| PAR | 1103 | Paramedic Pharmacology with Lab |
| PAR | 1104 | Clinical Preparatory for Paramedics with Lab |
| PAR | 1105 | Medical Emergencies for Paramedics I with Lab |
| PAR | 1213 | Cardiovascular Care with Lab |
| PAR | 1223 | Medical Emergencies for Paramedics II with Lab |
| PAR | 1303 | Trauma for Paramedics with Lab |
| PAR | 2003 | Assessment Based Management |
| PAR | 2113 | Clinical Practicum I |
| PAR | 2212 | Clinical Practicum II |
| PAR | 2316 | Paramedic Field Internship |
| PAR | 2395 | Paramedic Operations Management with Lab |

Program Total 78 Hours

ASSOCIATE OF APPLIED SCIENCE IN REGISTERED NURSING LPN/PARAMEDIC TO RN

The AAS in Registered Nursing offers licensed practical nurses and paramedics an alternative to traditional nursing programs. Students have the option of maintaining full-time employment while completing the nursing program in one academic year. The Associate of Applied Science in Nursing (AASN) graduate is prepared to provide and manage direct care to individuals with common well-defined problems. The AASN graduate functions as a team member using nursing diagnoses and established protocols for individuals in acute care and community-based settings. Students applying for entrance to the Registered Nursing program must meet the standards and requirements for admission to ASUMH prior to completing the required program application.

All pre-requisite general education courses must be completed with a grade of "C" or better. All general education pre-requisites must be completed prior to the student's entry into the program.

Note: All RND courses have an additional \$100 per credit hour fee.

The Arkansas State Board of Nursing (ASBN) requires a criminal background check for all graduates applying for licensure. Graduating from a nursing program does not assure ASBN's approval to take the licensure examination. Eligibility to take the licensure examination is dependent on meeting standards in the ASBN Nurse Practice Act and Rules. Students will be required to sign a statement, before beginning the nursing program, that states they have read and understood ACA §17-87-312 and the specific offenses which, if pleaded guilty, nolo contendere, or found guilty of will make an individual ineligible to receive or hold a license in Arkansas. Students may access the information at <http://www.arsbn.arkansas.gov/lawsRules/Pages/nursePracticeAct.aspx>

Student Learning Outcomes for Registered Nursing Program

1. Provide high quality, evidence-based, patient-centered nursing care to diverse populations while incorporating technology to improve interdisciplinary communication, transition of care, and patient outcomes
2. Advocate for patients and families to promote human dignity, self-determination, and integrity of the person by providing caring, holistic nursing interventions, and assisting in navigating healthcare systems
3. Implement a prescribed plan of care by utilizing knowledge of evidence-based practice, pathophysiology, pharmacology, quality improvement, and the ability to interpret physician and inter-professional orders
4. Utilize therapeutic communication to build rapport with patients and families, function as a team member within the interdisciplinary team and with physicians, to deliver patient

education, and resolve conflicts

5. Apply critical thinking skills and clinical judgment to interpret assessment data, recognize changes in patient status, make patient care decisions, anticipate risks and recognize unsafe practice in self and others to deliver safe, high quality nursing care to patients and their families
6. Demonstrate professional nursing identity by reflecting integrity, responsibility, ethical and legal practices, accountability, customer service, respect for diversity, and teamwork through active participation in professional nursing organizations
7. Organize patient care by delegating effectively, prioritizing tasks and responsibilities, timely completion of tasks and documentation, evaluating patient response to care and modifying care as indicated

General Education Requirements (30 credit hours)

| | | |
|------|------|---------------------------------------|
| BIOL | 2004 | Human Anatomy and Physiology & Lab I |
| BIOL | 2014 | Human Anatomy and Physiology & Lab II |
| BIOL | 2104 | Microbiology & Lab |
| CIS | 1203 | Introduction to Computers or |
| CIS | 1053 | Computer Essentials |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| HLT | 2203 | Basic Human Nutrition |
| MATH | 1113 | Applied Math or |
| MATH | 1023 | College Algebra |
| PSY | 2513 | Introduction to Psychology |

Nursing Requirements (30 credit hours)

| | | |
|----|------|-----------------------|
| RN | 2119 | Nursing Theory I |
| RN | 2123 | Nursing Practicum I |
| RN | 2215 | Nursing Theory II |
| RN | 2221 | Nursing Practicum II |
| RN | 2319 | Nursing Theory III |
| RN | 2323 | Nursing Practicum III |

Program Total 60 Hours

ASSOCIATE OF APPLIED SCIENCE IN WELDING TECHNOLOGY

The program is designed to prepare students for careers in welding and metal fabrication. Curriculum for the A.A.S in Welding Technology degree is based on American Welding Society (AWS) standards. Course content emphasizes both the underlying theory as well as the hands-on repetition needed to build welding proficiency.

Student Learning Outcomes for Welding Program

1. Demonstrate safe and proper use of welding, cutting and grinding equipment.
2. Demonstrate sufficient skill and proficiency in the Shielded Metal Arc Welding or Gas Metal Arc Welding or Gas Tungsten Arc Welding process to successfully complete certification requirements in accordance with industry-recognized standards.
3. Demonstrate the ability to make accurate measurements to within 1/16" tolerance using a tape measure and utilize essential mathematic concepts required in the welding, fabrication, and manufacturing industries.
4. Read and interpret fabrication blueprints to create layouts to specifications.
5. Identify and select suitable welding consumable materials and set up and operate welding equipment in such a manner as to produce a quality weld in accordance with established industry standards.
6. Demonstrate the proper procedures for preparing a welding test plate in accordance with established industry standards.
7. Identify the cause of various weld defects including slag inclusions, porosity, undercut and cracking.
8. Produce an acceptable weld to industry standards in the 1G (flat), 2G (horizontal), 3G (vertical up), and 4G (overhead) welding positions.
9. Select the appropriate rod or wire type and shielding element for Gas Metal Arc Welding, Shielded Metal Arc Welding, and Gas Tungsten Arc Welding processes.

General Education Requirements (18 credit hours)

| | | |
|------|------|---|
| CIS | 1203 | Introduction to Computers |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| MATH | 1103 | Technical Math |
| SPCH | 1203 | Oral Communication |
| | | Social Science elective |
| | | (Select any three (3) credit hour course from GEOG, HIST, ECON 2313, POSC, PSY or SOC) |

Welding Core (26 credit hours)

| | | |
|------|------|-----------------------------------|
| TECH | 1012 | Employment Strategies |
| TECH | 1021 | Industrial and Shop Safety |
| TECH | 1032 | Blueprints and Layouts |
| TECH | 1042 | Computer Aided Design (CAD) |
| WELD | 1024 | Shielded Metal Arc Welding (SMAW) |
| WELD | 1204 | Gas Metal Arc Welding (MIG) |
| WELD | 1404 | Gas Tungsten Arc Welding (TIG) |
| | | Welding elective (4 credit hours) |
| | | Welding elective (3 credit hours) |

Pipe Welding Emphasis (16 credit hours)

| | | |
|------|------|-----------------------------------|
| WELD | 2104 | Pipe Welding 5G |
| WELD | 2114 | Pipe Welding 2G |
| WELD | 2124 | Pipe Welding 6G |
| | | Welding elective (4 credit hours) |

Gas Tungsten Arc Welding Emphasis (16 credit hours)

| | | |
|------|------|---------------------------------------|
| WELD | 1434 | Intermediate Gas Tungsten Arc Welding |
| WELD | 1504 | Advanced Gas Tungsten Arc Welding |
| WELD | 1604 | Metal Fabrication |
| | | Welding elective (4 credit hours) |

Program Total 60 Hours

ASSOCIATE OF APPLIED SCIENCE IN WORKFORCE TECHNOLOGY

Students may choose from three different degree emphases: Automotive Systems Repair, Heating, Ventilation, Air Conditioning (HVAC), or Mechatronics.

General Education (18 Credit Hours)

| | | |
|-----|------|-------------------------------------|
| CIS | 1203 | Introduction to Computers or |
| CIS | 1503 | Computer Essentials |

| | | |
|------|------|---|
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| MATH | 1103 | Technical Math (HVAC and Automotive) or |
| MATH | 1113 | Applied Math (Mechatronics) |
| SPCH | 1203 | Oral Communication Social Science Elective (Choose from any three credit hour course from GEOG, HIST, ECON 2313, POSC, PSY or SOC) |

Automotive Emphasis (43 credit hours)

| | | |
|------|------|---------------------------------------|
| AUTO | 1013 | Introduction to Automotive Technology |
| AUTO | 1024 | Brakes and Braking Systems |
| AUTO | 1034 | Suspension and Steering |
| AUTO | 1104 | Engine Performance I |
| AUTO | 1204 | Automatic Transmission / Transaxle |
| AUTO | 1304 | Electrical Systems I |
| AUTO | 1404 | Automotive HVAC |
| AUTO | 2104 | Engine Performance II |
| AUTO | 2204 | Manual Transmission and Drive Axles |
| AUTO | 2304 | Electrical Systems II |
| AUTO | 2404 | Engine Rebuild |

HVAC Emphasis (42 credit hours)

| | | |
|------|------|--|
| BUS | 2103 | Human Relations in Business |
| HVAC | 1014 | Principles of Air Conditioning and Refrigeration |
| HVAC | 1024 | Principles of Heating |
| HVAC | 1034 | Principles of Refrigeration |
| HVAC | 1104 | Introduction to Air Distribution Systems |
| HVAC | 1204 | Residential HVAC |
| HVAC | 2004 | HVAC Electrical Circuits |
| HVAC | 2204 | Commercial HVAC |
| HVAC | 2404 | Residential / Commercial Load Calculations |
| HVAC | 2504 | Advanced Troubleshooting in HVAC |
| TECH | 1012 | Employment Strategies |
| TECH | 1021 | Industrial and Shop Safety |

Mechatronics Emphasis (42 credit hours)

| | | |
|------|------|---|
| TECH | 1012 | Employment Strategies |
| TECH | 1021 | Industrial and Shop Safety |
| TECH | 1512 | Schematics and Mechanical Diagrams |
| TECH | 1042 | Computer Aided Design (CAD) |
| TECH | 1504 | DC Electronics |
| TECH | 1514 | AC Electronics |
| TECH | 2014 | Digital Electronics |
| | | |
| TECH | 2134 | Industrial Electronic Devices or |
| TECH | 2154 | Industrial Mechanical Systems |
| | | |
| TECH | 2144 | Industrial Electricity or |
| TECH | 2164 | Fundamentals of Industrial Maintenance |
| | | |
| TECH | 2314 | Programmable Logic Controllers |
| TECH | 2424 | Hydraulic and Pneumatic Systems |
| TECH | 2444 | Robotic Technology |

Special Topics Class – Created by Industry Need (3 credit hours)

Program Total 60-61 Hours

TECHNICAL CERTIFICATES

All certificate-seeking students must meet the freshman assessment and placement requirements. If deficiencies exist, the student must complete the required CPT courses.

ACCOUNTING/FINANCE

The Technical Certificate in Accounting and Finance is designed to prepare students for entry level employment in bookkeeping or account service positions. Students are given the foundations of the banking and financial services industry as well as the importance of accounting as a reporting and decision making tool.

| | | |
|-----|------|---|
| ENG | 1003 | Composition I |
| BUS | 1403 | Business Math |
| ACC | 2003 | Principles of Accounting I |
| ACC | 2013 | Principles of Accounting II |
| BUS | 1423 | Survey of Finance |
| BUS | 2423 | Accounting/Finance Analysis and Application |
| BUS | 2413 | Principles of Banking |
| CIS | 1003 | Computerized Office Accounting |
| CIS | 1053 | Computer Essentials or |
| CIS | 1203 | Introduction to Computers |
| CIS | 2503 | Microcomputer Business Applications |

Program Total 30 Hours

AUTOMOTIVE SYSTEMS REPAIR

This program is designed to provide students with entry and advanced-level marketable skills. Hands-on training, combined with laboratory and classroom experience, provide students knowledge in steering, suspension, electrical, and braking systems; transmissions and drivetrains; engine performance; air conditioning; and safety.

General Education (6 credit hours)

| | | |
|------|------|---------------------------------|
| ENG | 1003 | Composition I – 3 credit hours |
| MATH | 1103 | Technical Math – 3 credit hours |

Automotive Emphasis (43 credit hours)

| | | |
|------|------|---------------------------------------|
| AUTO | 1013 | Introduction to Automotive Technology |
| AUTO | 1024 | Brakes and Braking Systems |
| AUTO | 1034 | Suspension and Steering |
| AUTO | 1104 | Engine Performance I |
| AUTO | 1204 | Automatic Transmission / Transaxle |
| AUTO | 1304 | Electrical Systems I |
| AUTO | 1404 | Automotive HVAC |
| AUTO | 2104 | Engine Performance II |
| AUTO | 2204 | Manual Transmission and Drive Axles |

| | | |
|------|------|-----------------------|
| AUTO | 2304 | Electrical Systems II |
| AUTO | 2404 | Engine Rebuild |

Program Total 49 Hours

FUNERAL SCIENCE

This program is designed to allow students the option to serve as funeral directors without the embalming portion of the curriculum. The courses in the Technical Certificate will also meet the pre-requisites for the A.A.S. in Funeral Science. The American Board of Funeral Service Education does not accredit this certificate since it does not include embalming. Therefore, students completing this certificate will not be eligible to sit for the National Board Exam or any other state board exam. However, students may be employed by funeral homes as funeral directors. According to the ABFSE, "This academic program is designed to meet specific state or professional needs. It is not accredited by the American Board of Funeral Service Education. Students graduating from this program are not eligible to take the National Board Examination or any state board examination for which graduation from an ABFSE accredited program is required. The Technical Certificate in Funeral Science will be available at NWACC and ATU Ozark pending approval of the Higher Learning Commission."

| | | |
|------|------|---|
| ACC | 1013 | Accounting for Funeral Science |
| CIS | 1203 | Introduction to Computers |
| ENG | 1003 | Composition I |
| MATH | 1113 | Applied Math or higher level mathematics course |
| SOC | 2263 | Comparative Religions |
| SPCH | 1203 | Oral Communication |
| FUS | 1143 | Business and Funeral Service Law |
| FUS | 2223 | Funeral Service Management and Merchandising |
| FUS | 2242 | Funeral Directing |
| FUS | 2253 | Funeral Service Psychology and Counseling |

Program Total 29 Hours

GENERAL BUSINESS

This program is designed to prepare students for a variety of positions in the field of business management.

| | | |
|-----|------|-------------------------------------|
| ACC | 2003 | Principles of Accounting I |
| BUS | 1013 | Introduction to Business |
| BUS | 1413 | Business Math |
| BUS | 2103 | Human Relations in Business |
| BUS | 2203 | Applied Business Ethics |
| BUS | 2563 | Business Communications |
| CIS | 1003 | Computerized Office Accounting |
| CIS | 1053 | Computer Essentials or |
| CIS | 1203 | Introduction to Computers |
| CIS | 2503 | Microcomputer Business Applications |
| ENG | 1003 | Composition I |

Program Total 30 Hours

HEALTH PROFESSIONS

This program is designed to prepare students for a variety of positions in the field of healthcare. Students should work with their advisor to design an individualized program of study in order to meet specific career goals.

General Education (15 credit hours)

| | | |
|------|------|---|
| CIS | 1203 | Introduction to Computers or |
| CIS | 1053 | Computer Essentials |
| ENG | 1003 | Composition I |
| ENG | 1013 | Composition II |
| MATH | 1113 | Applied Math or higher level mathematics course |
| PSY | 2513 | Introduction to Psychology, or |
| SOC | 2213 | Principles of Sociology or |

| | | |
|------|------|--|
| HIST | 2763 | The United States to 1876 or |
| HIST | 2773 | The United States since 1876 or |
| POSC | 2103 | United States Government |

Area of Emphasis (12-17 credit hours) (Choose one emphasis area)

Emphasis One (Recommended for students pursuing an Associate Degree)

| | | |
|------|------|---|
| BIOL | 2004 | Human Anatomy and Physiology & Lab I |
| BIOL | 2014 | Human Anatomy and Physiology & Lab II or |
| BIOL | 2104 | Microbiology & Lab |
| CNA | 1007 | Nursing Assistant |

Emphasis Two (Recommended for students pursuing Respiratory Care or Medical Laboratory Technician)

| | | |
|------|------|--|
| BIOL | 1024 | Human Anatomy and Physiology for Healthcare Professions & Lab |
| BIOL | 2104 | Microbiology & Lab |
| PHL | 1007 | Phlebotomy |

Emphasis Three (Recommended for students pursuing ASUMH LPN/PAR to RN program, Radiologic Technology, Surgical Technology, or other possible health professions)

(Select 12 hours from this list)

| | | |
|------|------|--|
| BIOL | 2004 | Human Anatomy and Physiology and Lab I |
| BIOL | 2014 | Human Anatomy and Physiology and Lab II |
| BIOL | 2104 | Microbiology and Lab |
| CHEM | 1004 | Chemistry for Healthcare Professions and Lab |
| HSA | 1004 | Health Professions Observations |
| HSA | 2013 | Medical Terminology |

Emphasis Four (Recommended for students pursuing Professional Medical Coder Certification)

| | | |
|------|------|--|
| BIOL | 1024 | Human Anatomy and Physiology for Healthcare Professions and Lab |
|------|------|--|

| | | |
|-----|------|---|
| HSA | 2013 | Medical Terminology |
| OTS | 2007 | Professional Medical Coder |
| OTS | 2013 | Healthcare Billing, Compliance, and Reimbursement |

Emphasis Five (Recommended for students pursuing Practical Nursing or Paramedic Technology)

(For students planning to finish as a Practical Nurse or Paramedic)

| | | |
|------|------|---|
| BIOL | 1024 | Human Anatomy and Physiology for Healthcare Professions and Lab |
| HLT | 2203 | Basic Human Nutrition |
| HSA | 2013 | Medical Terminology |
| PHRM | 1103 | Introduction to Pharmacology Directed Electives |

(For students planning to go beyond Practical Nursing or Paramedic)

| | | |
|------|------|---|
| BIOL | 2004 | Human Anatomy and Physiology and Lab I |
| BIOL | 2014 | Human Anatomy and Physiology and Lab II |
| HLT | 2203 | Basic Human Nutrition |
| HSA | 2013 | Medical Terminology |
| PHRM | 1103 | Introduction to Pharmacology |

Program Total 30-35 Hours

HEATING, VENTILATION, AIR CONDITIONING (HVAC)

This program is designed to provide students with entry and advanced-level marketable skills. Hands-on training, combined with laboratory and classroom experience teaches the student sheet metal fabrication; principles of residential and commercial air conditioning, refrigeration, heating, and ventilation; troubleshooting, blueprint reading, and safety.

General Education (6 credit hours)

| | | |
|------|------|----------------|
| ENG | 1003 | Composition I |
| MATH | 1103 | Technical Math |

Applied Technology Core (3 credit hours)

| | | |
|------|------|------------------------------|
| TECH | 1012 | Employment Strategies |
| TECH | 1021 | Industrial and Shop Safety I |

HVAC Emphasis (32 credit hours)

| | | |
|------|------|--|
| HVAC | 1014 | Principles of Air Conditioning and Refrigeration |
| HVAC | 1024 | Principles of Heating |
| HVAC | 1034 | Principles of Refrigeration |
| HVAC | 1104 | Introduction to Air Distribution Systems |
| HVAC | 1204 | Residential HVAC |
| HVAC | 2204 | Commercial HVAC |
| HVAC | 2404 | Residential / Commercial Load Calculations |
| HVAC | 2004 | HVAC Electrical Circuits |
| TECH | 1032 | Blueprints and Layouts |

Program Total 41 hours

HOSPITALITY

This program is designed to prepare students for a variety of positions in the hospitality industry ranging from lodging management and dining service management, to convention and conference sales and service.

| | | |
|-----|------|---|
| ENG | 1003 | Composition I |
| BUS | 1413 | Business Math |
| BUS | 1703 | Introduction to Hospitality Management |
| BUS | 1723 | Dining Service Management |
| BUS | 2733 | Convention/Conference Sales and Service |
| BUS | 1732 | Food/Beverage Sanitation and Safety |
| BUS | 2723 | Lodging Facilities Management |
| BUS | 2103 | Human Relations in Business |
| BUS | 2563 | Business Communications |
| CIS | 1003 | Computerized Office Accounting |
| CIS | 2503 | Microcomputer Business Applications |

Program total 32 hours

INFORMATION SYSTEMS TECHNOLOGY

This program is designed to prepare or update students with marketable computer skills combined with technical hardware skills. The elective component can be utilized to tailor six credit hours to their specific career objective.

| | | |
|--------------------------------|------|--------------------------------------|
| BUS | 1013 | Introduction to Business |
| BUS | 1413 | Business Math |
| CIS | 1033 | Introduction to Computer Programming |
| CIS | 1113 | A+ Computer Technician I |
| CIS | 1203 | Introduction to Computers |
| CIS | 1503 | Introduction to Operating Systems |
| CIS | 2503 | Microcomputer Business Applications |
| CIS | 2673 | Computer Security |
| ENG | 1003 | Composition I |
| CIS electives (6 credit hours) | | |

Program Total 33 Hours

MECHATRONICS

The program is designed for students seeking the knowledge and skills necessary to be employed in the laboratory and field- testing, manufacturing and assembly, quality assurance, manufacturing technician and other related fields. Students should be able to apply this knowledge and perform basic tests, troubleshooting, and repair of electronic equipment and machinery often found in advanced manufacturing firms.

| | | |
|------|------|------------------------------------|
| CIS | 1053 | Computer Essentials or |
| CIS | 1203 | Introduction to Computers |
| ENG | 1003 | Composition I |
| MATH | 1113 | Applied Math |
| TECH | 1012 | Employment Strategies |
| TECH | 1021 | Industrial & Shop Safety |
| TECH | 1042 | Computer Aided Design (CAD) |
| TECH | 1504 | DC Electronics |
| TECH | 1512 | Schematics and Mechanical Diagrams |
| TECH | 1514 | AC Electronics |
| TECH | 2314 | Programmable Logic Controllers |

Program Total 32 Hours

PARAMEDIC TECHNOLOGY

Graduates of this program are eligible to apply to the Arkansas Department of Health, EMS Division and the National Registry of EMTs for the Paramedic Certificate Examination. Upon successfully passing the examination, the graduate will possess a paramedic certificate and can function as a team member on an ALS ambulance and within the pre-hospital environment.

Pre-requisite (17 credit hours)

| | | |
|------|------|---|
| EMT | 1007 | Emergency Medical Technician |
| BIOL | 1024 | Human Anatomy and Physiology for Healthcare Professions and Lab (Anatomy and Physiology I and II with Labs will be accepted) |
| HSA | 2013 | Medical Terminology |
| PHRM | 1103 | Introduction to Pharmacology |

Course Requirements (43 credit hours)

| | | |
|-----|------|--|
| PAR | 1013 | Foundations of the Paramedic with Lab |
| PAR | 1103 | Paramedic Pharmacology with Lab |
| PAR | 1104 | Clinical Preparatory for Paramedics with Lab |
| PAR | 1105 | Medical Emergencies for Paramedics I with Lab |
| PAR | 1203 | Cardiovascular Care with Lab |
| PAR | 1205 | Medical Emergencies for Paramedics II with Lab |
| PAR | 1303 | Trauma for Paramedics with Lab |
| PAR | 2003 | Assessment Based Management |
| PAR | 2113 | Clinical Practicum I |
| PAR | 2212 | Clinical Practicum II |
| PAR | 2316 | Paramedic Field Internship |
| PAR | 2395 | Paramedic Operations Management with Lab |

Program Total 60 Hours

PRACTICAL NURSING

Graduates of this program are eligible to apply for the National Council Licensure Examination – Practical Nursing (NCLEX-PN). Upon successfully passing this examination, the graduate can function under the supervision of a registered nurse and/or a physician and work in hospitals, doctor's offices, nursing homes, and other healthcare agencies. Information about the cost of the program is included in the nursing application packet.

The Arkansas State Board of Nursing (ASBN) requires a criminal background check for all graduates applying for licensure. Graduating from a nursing program does not assure ASBN's approval to take the licensure examination. Eligibility to take the licensure examination is dependent on meeting standards in the ASBN Nurse Practice Act and Rules. Students will be required to sign a statement, before beginning the nursing program, that states they have read and understood ACA §17-87-312 and the specific offenses which, if pleaded guilty, nolo contendere, or found guilty of will make an individual ineligible to receive or hold a license in Arkansas. Students may access the information at <http://www.arsbn.arkansas.gov/lawsRules/Pages/nursePracticeAct.aspx>

PRACTICAL NURSING COURSE OF STUDY DAY CURRICULUM PLAN AUGUST ENTRANCE CLASS (Application deadline May 15)

Pre-requisites (10 credit hours)

| | | |
|------|------|---|
| BIOL | 1024 | Human Anatomy and Physiology for Healthcare Professions and Lab (Anatomy and Physiology I and II with Labs will be accepted) |
| HSA | 2013 | Medical Terminology |
| PHRM | 1103 | Introduction to Pharmacology |

FALL SEMESTER (17 credit hours)

| | | |
|-----|------|-----------------------------------|
| LPN | 1102 | Basic Nursing Concepts |
| LPN | 1303 | Foundation of Nursing Procedures |
| LPN | 1404 | Nursing Skills |
| LPN | 1603 | Nursing of Older Adults |
| LPN | 1803 | Introduction to Pediatric Nursing |
| LPN | 1902 | Day Clinical I |

SPRING SEMESTER (18 credit hours)

| | | |
|-----|------|-----------------------------|
| LPN | 2104 | Med-Surg Nursing Concepts I |
| LPN | 2303 | Mental Health Nursing |
| LPN | 2403 | Maternal/Newborn Nursing |
| LPN | 2908 | Day Clinical II |

EXTENDED SUMMER SEMESTER (11 credit hours)

| | | |
|-----|------|------------------------------|
| LPN | 2201 | Basic Nursing Management |
| LPN | 2804 | Med-Surg Nursing Concepts IV |
| LPN | 2916 | Day Clinical III |

Program Total 46-56 Hours

**PRACTICAL NURSING COURSE OF STUDY
AUGUST ENTRANCE CLASS EVEN YEARS
EVENING AND SATURDAY CURRICULUM PLAN
(Application deadline May 15)**

Pre-requisites (10 credit hours)

| | | |
|------|------|--|
| BIOL | 1024 | Human Anatomy and Physiology for Healthcare Professions and Lab (Anatomy and Physiology I and II with Labs will be accepted) |
| HSA | 2013 | Medical Terminology |
| PHRM | 1103 | Introduction to Pharmacology |

FALL SEMESTER (14 credit hours)

| | | |
|-----|------|----------------------------------|
| LPN | 1102 | Basic Nursing Concepts |
| LPN | 1303 | Foundation of Nursing Procedures |
| LPN | 1404 | Nursing Skills |
| LPN | 1603 | Nursing of Older Adults |
| LPN | 1902 | Night Clinical I |

SPRING SEMESTER (12 credit hours)

| | | |
|-----|------|-----------------------------|
| LPN | 2104 | Med-Surg Nursing Concepts I |
|-----|------|-----------------------------|

| | | |
|-----|------|-----------------------|
| LPN | 2303 | Mental Health Nursing |
| LPN | 2905 | Night Clinical II |

SECOND FALL SEMESTER (12 credit hours)

| | | |
|-----|------|-----------------------------------|
| LPN | 1803 | Introduction to Pediatric Nursing |
| LPN | 2403 | Maternal/Newborn Nursing |
| LPN | 2602 | Med-Surg Nursing Concepts II |
| LPN | 2914 | Night Clinical III |

SECOND SPRING SEMESTER (8 credit hours)

| | | |
|-----|------|-------------------------------|
| LPN | 2201 | Basic Nursing Management |
| LPN | 2702 | Med-Surg Nursing Concepts III |
| LPN | 2925 | Night Clinical IV |

Program Total 46-56 Hours

WELDING

This program is designed to provide students with job-ready welding skills and the opportunity to earn various welder certifications recognized by local industry.

| | | |
|------|------|------------------------------------|
| ENG | 1003 | Composition I |
| MATH | 1103 | Technical Mathematics |
| TECH | 1012 | Employment Strategies |
| TECH | 1021 | Industrial and Shop Safety |
| TECH | 1032 | Blueprints and Layouts |
| TECH | 1042 | Computer Aided Design (CAD) |
| WELD | 1024 | Shielded Metal Arc Welding (SMAW) |
| WELD | 1204 | Gas Metal Arc Welding (MIG) |
| WELD | 1404 | Gas Tungsten Welding (TIG) |
| | | Welding electives (5 credit hours) |

Program Total 30 Hours

CERTIFICATES OF PROFICIENCY

The Certificate of Proficiency may be awarded to students who have demonstrated mastery of skills and knowledge against specified performance standards in a specific area or discipline. The program of study can be a stand-alone program or part of a technical certificate or associate degree curriculum and is designed to enhance a person's skill set to make him/her more productive and marketable.

A+ Computer Technician

| | | |
|-----|------|-----------------------------|
| CIS | 1113 | A+ Computer Technician I |
| CIS | 1223 | A+ Computer Technician II |
| CIS | 1312 | A+ Analysis and Application |

Automotive Systems Repair

| | | |
|------|------|---------------------------------------|
| AUTO | 1013 | Introduction to Automotive Technology |
| AUTO | 1024 | Brakes and Braking Systems |
| AUTO | 1104 | Engine Performance I |
| AUTO | 1304 | Electrical Systems I |

Certified Nursing Assistant (CNA)

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| CNA | 1007 | Nursing Assistant |
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Certified Nursing Assistant (CNA) Medication Assistant

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| CNA | 2007 | Medication Assistant |
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CISCO Networking

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| CIS | 1106 | CISCO Network Academy I |
| CIS | 1206 | CISCO Network Academy II |

Emergency Medical Technician

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| EMT | 1007 | Emergency Medical Technician |
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Graphic Design

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| CIS | 1702 | Introduction to Digital Media |
| CIS | 1803 | Introduction to Digital Photography/Photoshop |
| CIS | 2313 | Desktop Publishing |
| CIS | 2333 | Computer Illustrator |
| CIS | 2353 | Design/Layout |

Heating, Ventilation, Air Conditioning (HVAC)

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| HVAC | 1014 | Principles of Air Conditioning and Refrigeration |
| HVAC | 1024 | Principles of Heating |
| HVAC | 1104 | Introduction to Air Distribution Systems |
| HVAC | 1204 | Residential HVAC |

Mechatronics (Basic Manufacturing)

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| TECH | 1504 | DC Electronics |
| TECH | 1514 | AC Electronics |
| TECH | 2314 | Programmable Logic Controllers |
| TECH | 2424 | Hydraulic and Pneumatic Systems |

Phlebotomy

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| PHL | 1007 | Phlebotomy |
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Professional Medical Coder

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| OTS | 2007 | Professional Medical Coder |
| OTS | 2013 | Healthcare Billing, Compliance, and Reimbursement |

Web Development

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| CIS | 1702 | Introduction to Digital Media |
| CIS | 1803 | Introduction to Digital Photography/Photoshop |
| CIS | 2623 | Website Design |
| CIS | 2353 | Design/Layout |
| CIS | 2563 | E-Commerce and Web Marketing |

Welding

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|------|------|-----------------------------|
| WELD | 1024 | Shielded Metal Arc Welding |
| WELD | 1204 | Gas Metal Arc Welding (MIG) |
| WELD | 1404 | Gas Tungsten Welding (TIG) |

Course Descriptions



COURSE DESCRIPTIONS

A frequency-of-course-offerings statement appears at the end of each course description. The information reflects the normal scheduling of the course. However, circumstances may from time to time dictate scheduling changes, and the university reserves the right to change course scheduling when circumstances dictate such changes.

The code symbols are as follows:

F = Fall Semester

SU = Summer Semester

S = Spring Semester

D = On Demand ~ based on appropriate faculty
and sufficient student enrollment

ACTS = Arkansas Course Transfer System numbers

(ACC) ACCOUNTING

1003 Introduction to Accounting Surveys the basic concepts of accounting, petty cash, accounts payable, accounts receivable, payroll, bank reconciliation, and preparation of financial statements. Designed for entry level students or preparation for ACC 2003. (D)

1013 Accounting for Funeral Science Surveys the basic concepts of accounting as it relates to sole proprietorships and partnerships within the funeral service industry. Examines the recording of financial data during the accounting cycle including: sales and accounts receivable, purchases and accounts payable, cash and banking procedures, payroll and taxes, preparation and analysis of financial statements. Meets the requirements of the AAS in Funeral Science degree as stipulated by the American Board of Funeral Service Education. (D)

2003 Principles of Accounting I Studies accounting for merchandising and service-oriented business organizations. Primary emphasis is on accounting principles applicable to measuring assets, liabilities, equity, and income. (F, S) **ACTS: ACCT 2003**

2011 Individual Income Tax Accounting Practical experience in preparation of individual income tax returns using current regulations provided by the Internal Revenue Service. IRS certification of Basic and Advanced levels at 80% required for passage of course. (D)

- 2013 Principles of Accounting II** Covers special measurement problems for partnerships and corporations. The course also covers rudimentary accounting and reporting for manufacturing companies. A part of the course is devoted to special reports and managerial uses of accounting data for the decision-making function. Pre-requisite: ACC 2003 with a grade of "C" or better. (F, S) **ACTS: ACCT 2013**

(AGRI) AGRICULTURAL AND NATURAL RESOURCES

- 1003 Intro to Agricultural Economics** Basic economic principles and their application to agriculture. This course deals briefly with production, distribution, value, price, credit, land value, marketing, and related problems. (D)
- 1204 Intro to Animal Science** Deals with fundamental principles of successful livestock farming in Arkansas and the United States. It includes a study of the types, breeds, and economic importance of beef cattle, swine, dairy cattle, sheep, and horses. Lecture three hours, laboratory two hours per week. (D)
- 1303 Intro to Plant Science** Introduction to agronomic and horticultural cropping systems including crop growth and development, crop physiology, crop ecology, environmental considerations and production/protection practices. (D)
- 2213 Feeds and Feeding** Principles of animal nutrition, composition, and digestibility of feeds, balanced rations and feed of farm animals. Pre-requisite: AGRI 1204. (D)
- 2623 Equine Health and Management** Covers aspects of equine health, diseases, soundness, first aid, preventive maintenance, and management of horses in domestic situations. (D)
- 2803 Field Crops** A study of field crops, types and varieties, seed of small grains, and green manure crops. Lecture two hours, laboratory two hours per week. (D)
- 2813 Soils** A study of origin, classification and physical and chemical properties of soil. Lecture three hours per week. Pre-requisite: CHEM 1003 or CHEM 1014. (D)

(ART) ART

- 1013 Design I** Introduces the fundamental principles of design and the theory of color. (S)

- 1023 Design II** Develops awareness of space and concept of form, with analysis and application of tools and materials appropriate to three-dimensional projects. Pre-requisite: ART 1013. (S)
- 1033 Drawing I** Applies the principles of perspective, outdoor sketching, object drawing, and figure sketching using various materials and techniques. Beginning drawing course. (F)
- 1043 Drawing II** Focuses on light and shade drawing, monochromatic color sketches, still life, with emphasis on original illustration. Pre-requisite: ART 1033 or portfolio review. (F)
- 1063 Painting I** Studies introductory color and composition for painting with opportunities for the student to explore personal interests. (May be repeated for credit; however, no more than 3 hours may be applied toward a degree in a field other than art.) Pre-requisite: ART 1033 or portfolio review. (F)
- 1073 Painting II** Continues color and composition studies with a focus on oil painting. Pre-requisite: ART 1063. (S)
- 2503 Fine Arts-Visual** Introduces visual arts to all students regardless of background or experience. (F, S) **ACTS: ARTA 1003**
- 2583 Survey Art I** Studies and examines in-depth art from the prehistoric period in Europe through the Gothic period. The course acquaints students with the history of western art, the process in the production of art, the social and cultural contexts, and art terminology. (D)
ACTS: ARTA 2003
- 2593 Survey Art II** Studies and examines in-depth art from Early Renaissance through Modern (20th century) art. The course continues to acquaint students with art history, production, social and cultural context, and terminology. Offers a well-balanced approach as art relates to the development of western culture. (D) **ACTS: ARTA 2103**

(AUTO) AUTOMOTIVE SYSTEMS REPAIR

- 1013 Introduction to Automotive Technology** Introduces the automobile from a technical perspective. Subjects covered include automotive technical career exploration, minor maintenance and safety inspection, and an introduction to technical

systems. Also includes automotive history and current environmental issues associated with the automobile. Presents both theory and practice using handheld and stationary equipment in most topics. Safety incorporating OSHA standards is emphasized. (F)

- 1024 Brakes and Braking Systems** Introduces the fundamentals of basic brakes and braking systems, including hydraulic theory. Includes various disc, drum and parking brake systems. Mechanical, hydraulic, and anti-lock systems are included. Safety incorporating OSHA standards is emphasized. (F)
- 1034 Suspension and Steering Systems** Introduces the fundamentals of suspension and steering systems. Includes wheels, tires, hubs, bearings, seals, springs, front and rear alignment, and various manual and power steering systems. Includes both theory and practice in most topics. Safety incorporating OSHA standards is emphasized. (S)
- 1104 Engine Performance I** Studies fuel systems, electronic engine/emission controls, proper engine performance, tune-up and automotive safety devices. Diagnostics will be extensively covered. Knowledge needed to perform repair work in general engine diagnosis, computerized engine control diagnosis and repair, ignition and repair, and engine related service will be introduced. (F)
- 1204 Automatic Transmission/Transaxle** Introduces the theory and operation of automatic transmissions. Teaches the purpose and operation of a torque converter, and how the clutches, bands, servos, solenoids, pump valve body and modulators work. The laws governing planetary gears and how torque is routed through and automatic transmission are studied. Learning about the relationship of hydraulic components and planetary control devices helps the student to properly diagnose problems in the transmission. Safety is emphasized. (Su)
- 1304 Electrical Systems I** Introduces the fundamentals of electricity, including electrical circuits, Ohm's Law, wiring diagrams, and common electrical symbols. Familiarization with test equipment as well as diagnosis and troubleshooting are emphasized. Safety incorporating OSHA standards is emphasized. Systems include starting, charging, microprocessor, power distribution, sensors, and actuators. (F)
- 1404 Automotive HVAC** Introduces the theory and practice of modern vehicle heating and air-conditioning systems, including the theory of refrigeration. Various components including compressors, lines, expansion valves, condensers, evaporators, blower motors, and distribution systems are covered. Student will practice the operation,

diagnosis and repair aspects of modern air-conditioning systems. Includes both theory and practice using handheld and stationary equipment in most topics. Safety incorporating OSHA standards is emphasized. (S)

- 2104 Engine Performance II** Studies fuel systems, electronic engine/emission controls, proper engine performance, tune-up, and automotive safety device. Diagnostics are extensively covered. Skills needed to perform repair work in general engine diagnosis, computerized engine control diagnosis and repair, ignition systems diagnosis and repair, air/fuel and exhaust system diagnosis and repair, emission control system diagnosis and repair, and engine related service will be covered. (S)
- 2204 Manual Transmission and Drive Axles** Introduces the components and power flow of both the manual transmission and transaxle. Teaches how to inspect, diagnose problems, service, disassemble, repair and test the transmission and transaxles. Identifies the components of the clutch and teaches how they function in relation to each other. Drivelines and U joints of both front wheel and rear wheel drive trains are taught. The different types of u-joints, CV-joints and differentials are covered. Covers how to diagnose and service problems and repair all this equipment. (Su)
- 2304 Electrical Systems II Application** Presents the fundamentals of the automotive wet cell battery, its construction, ratings, charging, testing, maintenance and safety will be covered in this course. Introduces the construction and operation of the various components of the starting system, including the starter motor, starter drives, solenoids and relays. Component testing, diagnosing and overhaul will also be covered. Presents the construction, operation and testing of the charging systems and its components and regulators. Major components of the vehicle's lighting systems, the different forms of driver warning devices, electronic instrumentation and the fundamentals of the ignition system will be taught. Testing and troubleshooting these systems will be practiced. (S)
- 2404 Engine Rebuild** Covers the theory and operation of the internal combustion gasoline engine. Instruction will be given on the different classifications and measurements involved in gasoline engines. Introduces cooling and lubrication systems, how the engine block is constructed and the reasons for multiple cylinders. Relationship between the friction bearing, crankshaft, connecting rods, pistons and piston ring for the lower end of the engine is taught. In addition, the relationship between valve lifter, cylinder heads and valves of the upper end of the engine is presented. Teaches to properly inspect, clean, measure, service and repair all the

various components of the engine. Different types of gaskets, seals and sealants used in today's engine repair are taught. (Su)

(BIOL) BIOLOGY

- 1001 Biological Science Laboratory** Accompanies BIOL 1003 Biological Science. Pre-requisite or co-requisite: BIOL 1003 (Credit for this course is contingent upon earlier or simultaneous completion of BIOL 1003.) BIOL 1001 and BIOL 1003 may be taken in lieu of BIOL 1004. (F, S)
- 1003 Biological Science** Examines the structure of living things, beginning at the chemical level and progressing to the organismic and community (ecological) levels. Emphasis placed on a survey of the five kingdoms of life, with particular attention given to plants, animals, and the ecological relationships existing among and between them. BIOL 1001 and BIOL 1003 may be taken in lieu of BIOL 1004. (F, S)
- 1004 Biological Science and Lab** A survey of biology to include an introduction to the fundamental principles of living organisms including properties, organization, function, evolutionary adaptation, and classification. Introductory study of concepts of reproduction, genetics, ecology, and the scientific method are included. Lecture three hours per week, lab two hours per week. (F, S) **ACTS: BIOL 1004**
- 1013 Introduction to Human Anatomy and Physiology for Non-Healthcare Majors** Studies general human anatomy. Includes anatomical terminology. Offers non-medical-related students an overview of all body structures, systems, and functions. Anatomical terminology and etymology are included. (S)
- 1014 Introduction to Entomology and Lab** Explores various aspects of insects and other arthropods, including insect anatomy and morphology, life cycles, diversity, taxonomy, and their roles in the environment and in human affairs. Places emphasis in the laboratory on identification of the major insect groups and on field methods of insect collection. Course requirements include, in part, group projects, in-class field trips, and an insect collection. Lecture three hours per week, lab two hours per week. (D)
- 1024 Human Anatomy and Physiology for Healthcare Professions and Lab** Studies the fundamentals of anatomy and physiology of the human body with emphasis on body structure, functions of each body system, and basic chemistry. (D)

- 1104 Introduction to Botany and Lab** Investigates the principles of plant biology, including form, structure, metabolism, and reproduction. Areas of emphasis include plant cells and tissues, genetics, ecology, evolution, and plant diversity. Some field trips required. Lecture three hours per week, lab two hours per week. (D) **ACTS: BIOL 1024**
- 1113 Pathology and Microbiology I: Theory** Covers basic pathology principles including an understanding of the basic course of diseases and the affects these diseases may have upon living and dead human bodies. Investigates the fundamentals of pathology, the infection process and the human immune system. Studies methods of transmission with an emphasis on protecting the public and individuals working in environments of potential exposure. Offers non-medical-related students an overview of pathology, indigenous microorganisms, pathogens, and self-protective measures. (F)
- 1114 Introduction to Zoology and Lab** Explores the fundamentals of modern zoology, including reproduction, development, and diversity. Emphasis placed on a survey of the phyla and includes anatomical and ecological studies of major animal groups. Some field trips required. Lecture three hours per week, lab two hours per week. (D) **ACTS: BIOL 1054**
- 1134 Biology of the Cell** Explores the structure and function of prokaryotic and eukaryotic cells. Emphasis given to the biologically important molecules, structure and function of the plasma membrane, organelle structure and function, cellular energy, enzymes, and protein synthesis. (D)
- 2003 Introduction to Microbiology** Investigates the fundamentals of the infectious process and the human immune system. Methods of transmission are studied with an emphasis on protecting the public and individuals working in environments of potential exposure. Offers non-medical-related students an overview of indigenous microorganisms, pathogens, and host-parasite interactions. (D)
- 2004 Human Anatomy and Physiology & Lab I** Introduces the biology of atoms and molecules; organelles and cellular functions; tissues; blood; and studies the structure and function of integumentary system, skeletal system, muscular system, and lymphatic system. Lecture three hours per week, lab two hours per week. Pre-requisite: high school biology within the past five years, BIOL 1004, successful completion of the LPN degree, or consent of the instructor. (F, S) **ACTS: BIOL 2404**

- 2014 Human Anatomy and Physiology & Lab II** Studies the structure and function of major sense organs, nervous system, endocrine system, respiratory system and cardiovascular system, digestive system, urinary system and reproductive system. Lecture three hours per week, lab two hours per week. Pre-requisite: completion of BIOL 2004 with a grade of "C" or better. (F, S) **ACTS: BIOL 2414**
- 2104 Microbiology & Lab** Focuses on bacteria, viruses, rickettsiae, chlamydiae, molds, yeasts, and protozoans as they relate to human health. Lecture three hours per week, lab two hours per week. Pre-requisite: high school biology within the past five years, BIOL 1004, successful completion of the LPN degree, or consent of the instructor. (F, S) **ACTS: BIOL 2004**
- 2114 Introduction to Ecology and Lab** Investigates relationships of living organisms with each other and with their environment. Emphasis is placed on studies of plant and animal ecology, data collection from lab and field experiments, data manipulations, statistical analyses, and research reporting. Lecture three hours per week, lab two hours per week. Pre-requisites: Grades of "C" or better in BIOL 1004 and MATH 1023 or equivalents. (D)
- 2903 Natural Resources Internship** Participation in a professional educational, management or research program activity. Internship is arranged by the student and may be a volunteer or paid position. Entails a minimum of 160 work hours. Special course fees may apply. Must be approved by advisor or dean. Fall, Spring, Summer.
- 2913 Legal Aspects of Environmental Management** Policy, law and regulations relating to society use, management and protection of natural resources. The course will present the differences and similarities between environmental regulation and previous social regulation, and examine the logic behind current regulatory programs. Special course fees may apply. Prerequisite: BIOL 1004 or equivalent. Lecture two hours per week. Spring, even.

(BUS) BUSINESS ADMINISTRATION

- 1013 Introduction to Business** Acquaints beginning students with the major institutions and practices in the business world. Provides elementary concepts of business and serves as an orientation course for selection of a specific major. (F, S) **ACTS: BUSI 1013**

- 1413 Business Math** Applies mathematical concepts in a practical manner for both personal and business use. Topics include percentages, interest, payroll, taxes, mortgages, and the time value of money. Pre-requisite: ACT score in Math of 17 or completion Pre-Applied Math with a grade of "C" or better. (F, S)
- 1423 Survey of Finance** Introduces principles of financial management, financial systems, flow of funds, time value of money and its application in business decision making. (F, S)
- 1513 Business Records Management** Introduces the field of records management; filing, life cycle of records, and importance of file management using alphabetic filing rules compatible with the Association of Records Managers and Administrators (ARMA). Introduces basic business record keeping methods applicable to small business management. (F)
- 1703 Introduction to Hospitality Management** Introduces students to an overview of the hospitality industry, which includes various operational segments, historical perspectives on tourism and hospitality, and a comprehensive look at each department within the foodservice and lodging industry. Students will receive an overview of the forces that shape the hospitality industry, and investigate the major trends in the hospitality and tourism industry while assisting the students with locating the tools to analyze and interpret those trends. (F)
- 1723 Dining Service Management** Introduces the principles, concepts, and systems of professional table service. Topics include dining room organization, scheduling, and management of food service personnel. (F)
- 1732 Food/Beverage Sanitation and Safety** Introduces the student to the study of personal cleanliness; sanitary practices in food preparation; causes, investigation, control of illness caused by food contamination and work place safety standards. Introduces the student to the fundamentals of responsible alcohol service. (F)
- 2023 Legal Environment of Business** Studies the fundamental elements of the Anglo-American legal system and its common law origins. Includes the application and operation of the legal system in the remedy of business disputes, the development and operation of the court system, and the regulation of American business and industry by the United States government. (F, S) **ACTS: BLAW 2003**

- 2103 Human Relations in Business** Studies the understanding of behavior in organizations, focusing on the interaction of the individual and the organization. Directed primarily toward the human problems of supervisors and middle managers. Includes a historical background, major theories of motivation, job satisfaction, leadership, organizational and social environments, group processes, customer service and communications. (F, S)
- 2113 Business Statistics** Introduces statistical methods used with business and economic data, descriptive statistics, probability theory, discrete and continuous distributions, estimation, sampling concepts and hypothesis testing, linear regression and correlation. Pre-requisites: MATH 1023 and CIS 2503. (F,S) **ACTS: MATH 2103 or BUSI 2103**
- 2123 Human Resources Management** Addresses modern methods of selection, testing and solving various human resources problems. Designed to give the student a knowledge and understanding of how to manage human resources effectively. (D)
- 2203 Applied Business Ethics** Introduces the fundamental concepts of business ethics, relating these issue to current events in today's society. Designed to help students develop the tools and techniques they will need when facing various ethical dilemmas in today's business environment. (S)
- 2302 Professional Office Procedures** Reviews skills required for a career in an office setting. Addresses basic soft-skills like business attire and grooming, office etiquette, time management, professionalism, resumes and interviews, and networking. (S)
- 2413 Principles of Banking** Teaches the fundamental principles and practices of banking and credit in the United States. Topics include an overview of financial services including human resources, marketing, and ethics, negotiable instruments, mortgages, commercial lending, bank security. Pre-requisite: ACC2003 or consent of instructor. (S)
- 2423 Accounting/Finance Analysis and Applications** Students follow a role playing scenario to create an accounting practice set. The financial statements are then utilized as an analytical tool in making business investment and credit decisions. (S)
- 2481 Accounting/Finance Internship** Applies classroom knowledge to the actual work situations. A minimum of 40 hours of supervised work experience is an approved training situation is required. Should be taken the final semester. Pre-requisites: BUS 2423Analyzing Financial Statements, BUS 1423Introduction to Finance, CIS 1403 or consent of instructor. (S)

- 2513 Fundamentals of Marketing** Investigates all aspects of marketing concerning the flow of goods from producer to consumers or other users. Discusses the various functions of marketing, marketing institutions, and the different aspects of the marketing mix. Emphasizes the kinds of decisions for which a marketing manager may be responsible. (F) **ACTS: MKTG 2003**
- 2533 Principles of Sales and Retailing** Provides an overview of salesmanship including: explaining the steps involved in a sale; understanding customer psychology and how to use creative selling techniques; understanding the importance of closing a sale; discussing the business processes involved in the retail industry including - inventory management, store layout and design, merchandise planning and e-commerce. (D)
- 2563 Business Communications** Reviews basic grammar and punctuation. Investigates theory, principle, and application of oral and written communications used in business. Pre-requisite: ENG 1003. (F, S) **ACTS: BUSI 2013**
- 2613 Customer Service** Introduces the student to the issues of problem solving, strategy, empowerment, communications, motivation, and leadership necessary for the delivery of excellent customer service and customer retention. (D)
- 2653 Small Business Development** Provides knowledge and skills needed to develop and manage a small business or to function in a business which cultivates entrepreneurship. Instruction will include developing the business idea and researching feasibility, finding the right funding sources for the business, branding, marketing, and advertising for the business, managing growth and expansion, and developing an exit strategy. Project oriented capstone course that must be taken in the student's final semester. Pre-requisites: ACC 1003, BUS 1013, BUS 2513, BUS 2833. (D)
- 2723 Lodging and Facilities Management** Introduces students to an overview of the lodging management industry. Students will explore various aspects of hotel/motel management; marketing, communications, and ethics, as well as, a detailed look into the important role that housekeeping plays in effective hotels and resorts. The course covers how to efficiently care for guestrooms and public spaces; and procedures to ensure a comfortable and pleasant guest experience. (S)
- 2733 Convention/Conference Sales and Service** Introduces students to the concepts related to the planning and operation of conventions, trade shows, professional meetings, and foodservice events. Emphasis is placed on methods of marketing, selling, organizing, and producing conventions, events, and trade shows that will increase the financial environment of the facility. (S)

- 2781 Hospitality Management Internship** Applies classroom knowledge to the actual work situation. A minimum 40 hours of supervised work experience in an approved training situation is required. Should be taken the final semester. (F)
- 2823 Fundamentals of Small Business Management** Emphasizes the development of managerial skills uniquely important to small firms. Discusses problems of starting a new business and of buying an ongoing one. . Management pre-or co-requisites: ACC 1003 or ACC 2003, BUS 2513, and BUS 2833. Funeral Science pre- or co-requisites: ACC 1013, FUS 1143, and FUS 2223. (F, S)
- 2833 Principles of Management** Analyzes the various elements necessary for managerial action and the importance of management as a distinct activity. Addresses the various functions of management including planning, staffing, organizing, directing, and controlling. (F)
- 2851 Office Internship** Applies classroom knowledge to the actual work situation. A minimum of 40 hours of supervised work experience in an approved training situation is required. Co-requisite: BUS 2302. (S)
- 2853 Business Leadership and Decision Making** Explores the behaviors and skills necessary to be an effective leader and manager. Motivation, decision-making, problem-solving, conflict/negotiation strategies and meeting management is examined. Course materials and activities will challenge students to connect theory to practice. (S)
- 2903 Fundamentals of International Business** Introduces students to fundamental aspects of international business including international economics, finance, management, marketing, law, and accounting. Also examines how cultural diversity affects business around the world. (D)

(CHEM) CHEMISTRY

- 1003 Introduction to Chemistry** Focuses on the fundamentals of chemical terms and applications to laboratory studies. Extensive drills on calculations and use of hand-held calculators in problem solving. Recommended for those with no prior study of chemistry. Pre-requisite: MATH 0003. Co-requisite: MATH 0103 or higher. (S)
- 1004 Chemistry for Healthcare Professions and Lab** Studies the concepts of chemistry from the point of view of their application and relevance to medicine and the human body. Topics in organic and inorganic chemistry are covered in enough depth to give students a good foundation. (D) **ACTS: CHEM 1214**

- 1011 General Chemistry I Laboratory** Accompanies CHEM 1013 (General Chemistry I) (Credit for this course is contingent upon earlier or simultaneous completion of CHEM 1013.) (F)
- 1013 General Chemistry I** Studies chemical reactions and equations, periodic relationships, the gaseous state, and the fundamentals of atomic theory, quantum theory, electronic structure, chemical bonding, stoichiometry, and thermochemistry. Pre-requisites: MATH 0103 with a grade of "C" or better and CHEM 1003 with a grade of "C" or better (high school chemistry may be substituted for CHEM 1003.) Co-requisite: MATH 1023 or higher. Lecture three hours per week. (F)
- 1014 General Chemistry I** Studies chemical reactions and equations, periodic relationships, the gaseous state, and the fundamentals of atomic theory, quantum theory, electronic structure, chemical bonding, stoichiometry, and thermochemistry. Pre-requisites: MATH 0103 with a grade of "C" or better and CHEM 1003 with a grade of "C" or better (high school chemistry may be substituted for CHEM 1003.) Co-requisite: MATH 1023 or higher. Lecture three hours per week, lab three hours per week. (F) **ACTS: CHEM 1414**
- 1021 General Chemistry II Laboratory** Accompanies CHEM 1023 (General Chemistry II.) Pre-requisite or co-requisite: CHEM 1023 (General Chemistry II). (Credit for this course is contingent upon earlier or simultaneous completion of CHEM 1023.) (D)
- 1023 General Chemistry II** Examines liquids, solids, solutions, and the fundamentals of chemical kinetics, chemical equilibria, acids and bases, thermodynamics, and electrochemistry. Pre-requisites: CHEM 1013 or CHEM 1014 with a grade of "C" or better. Lecture three hours per week.
- 1024 General Chemistry II & Lab** Examines liquids, solids, solutions, and the fundamentals of chemical kinetics, chemical equilibria, acids and bases, thermodynamics, and electrochemistry. Pre-requisite: CHEM 1014 with a grade of "C" or better. Lecture three hours per week, lab three hours per week. (D) **ACTS: CHEM 1424**
- 1031 Laboratory for Introduction to Organic and Biochemistry** Accompanies Introduction to Organic and Biochemistry. Three hours per week. Co-requisite or pre-requisite: CHEM 1033 (Credit for this course is contingent upon earlier or simultaneous completion of CHEM 1033). (D)
- 1033 Introduction to Organic and Biochemistry** Emphasizes applications to body functions. Lecture three hours per week. May not satisfy requirements for chemistry major. Pre-requisite: CHEM 1014. (D)

- 1034 Introduction to Organic and Biochemistry & Lab** Emphasizes applications to body functions. Lecture three hours per week, lab three hours per week. May not satisfy requirements for chemistry major. Pre-requisite: CHEM 1014 with a grade of "C" or better. (S) **ACTS: CHEM 1224**

(CIS) COMPUTER INFORMATION SYSTEMS

- 1003 Computerized Office Accounting** Studies the basic office accounting /record keeping skills of amortization, petty cash, payroll, time cards, accounts receivable, accounts payable, bank reconciliation, and inventory. (F)
- 1033 Introduction to Computer Programming** Introduces students to problem solving, analytical thinking, design and planning, coding, and debugging of modern object-oriented programming. Pre-requisite: CIS 1203 or consent of the instructor. (F)
- 1053 Computer Essentials** Provides an understanding of basic computer skills necessary to be a successful college student including basic skills using latest Windows software, file management, Microsoft Office, campus email, campus learning management system and appropriate uses of the Internet in an academic setting. (F, S)
- 1103 Networking Concepts** Studies networking terminology, communication protocols and standards, topologies and architectures, network equipment and operating systems, principles of local and wide area networks and how emerging technologies will impact the networks of the future. (F, S)
- 1106 CISCO Network Academy I** Prepares students for the CISCO Certified Network Associate (CCNA) certification exam. Familiarizes students with networking concepts and components, terminology, topology, and basic design and maintenance. Teaches router technologies, including configurations, protocols, and introduction to LAN switching and VLANs. Students install, configure, and maintain network hardware and wiring. Pre-requisites for degree-seeking students only: CIS 1103 and CIS 1203, or consent of instructor. (F)
- 1113 A+ Computer Technician I** Introduces students to information technology and data communications. Emphasis will be to assemble a personal computer and install operating system. Effective troubleshooting and maintenance fundamentals are stressed using system tools and diagnostic software. This is a hands-on, lab-oriented course to help prepare students for the Comp TIA A+ Certification Exam. (F)

- 1203 Introduction to Computers** Introduces computer hardware, software, procedures, systems, and required human resources. Emphasis is on computer literacy, historical development of computers, data processing methods, the processing cycle, operations considerations, storage and retrieval methods, systems security, and computer-based support systems. (F, S) **ACTS: CPSI 1003**
- 1206 CISCO Network Academy II** Prepares students for the CISCO Certified Network Associate (CCNA) certification exam. Includes advanced router configurations advanced LAN and WAN design and technologies, IPv4 and IPv6 addressing, single-area and multi-area OSPF, EIGRP, PPP, Frame Relay and network troubleshooting. Pre-requisite: CIS 1106. (S)
- 1223 A+ Computer Technician II** Emphasizes advanced hardware and networking fundamentals, adding multimedia services and peripherals, connecting the computer to the Internet and sharing resources in a networked environment, troubleshooting and maintenance. Implements basic physical and software security principles This is a hands-on, lab-oriented course to help prepare students for the Comp TIA A+ Certification Exam. Pre-requisite: CIS 1113. Co-requisites: CIS 1312. (S)
- 1312 A+ Analysis and Application** Demonstrates knowledge of installing, configuring, upgrading, troubleshooting and repairing desktop systems through discussion, computer-based testing, simulations, hands-on review and textbook references. Provides a summary of the core elements found on the Comp TIA A+ Certification Exam. Pre-requisite: CIS 1113. Co-requisite: CIS 1223. (S)
- 1403 Spreadsheet Applications** Introduces electronic spreadsheet concepts and terminology using current applications software. Emphasis is on building worksheets, working with formulas, and preparing graphs and databases using good problem-solving skills. Pre-requisite: CIS 1203 or consent of instructor. (F)
- 1503 Introduction to Operating Systems** Provides introduction to microcomputer operating systems concepts using Microsoft, Linux and Macintosh products. Students will gain knowledge of Microsoft Operating Systems and their essential elements through hands-on experience. Pre-requisite: CIS 1203 or consent of instructor. (S)
- 1702 Introduction to Digital Media** Introduces concepts, terminology, production methods and design theory relating to the field of digital media ranging from print and web design. Reviews the profession, career options and industry trends. Pro-

vides students an orientation to Adobe Creative suite software applications. Pre-requisite: CIS 1203 or consent of instructor. (F, S)

- 1803 Introduction to Digital Photography/Photoshop** Introduces basic digital photographic concepts, terminology, and techniques. Includes instruction on input, output, workflow, organization and management of digital files. Emphasis is placed on photographic composition and the manipulation of digitized images for print and online publication utilizing digital cameras, scanners, and Adobe Photoshop software. Pre-requisite: CIS 1203 and 1702 or consent of the instructor. (F)
- 2033 Visual Basic Programming I** Introduces programming of business applications utilizing Visual Basic's interactive, object-oriented language (OOP) methodology. Pre-requisite: MATH 0103 or consent of instructor. (D)
- 2043 Programming in C++** Introduces programming of commercial software using the programming language C++ and object-oriented programming (OOP) methodology. Pre-requisites: CIS 1033, MATH 0103, or consent of instructor. (D)
- 2053 JAVA** Provides a detailed review of object-oriented programming using the JAVA programming language incorporating instantiable classes, applets, selection statements, repetition statements, reusable classes, inheritance and polymorphism, and recursive algorithms. Pre-requisite: CIS 1033 or consent of instructor. (D)
- 2133 Visual Basic Programming II** Introduces the ADO Programming Object Model, the development and maintenance of database programs using ADO, and multi-tier database applications. Introduces creating and managing ActiveX code components, documents, and controls, as well as a discussion of programming for the Internet. Pre-requisites: CIS 2033 and CIS 2403. (D)
- 2203 Principles of COBOL Programming** Studies COBOL computer language, including input-output operations, arithmetic computations, comparing, control breaks, and table processing. Emphasizes program structures and techniques of program design applied to typical business applications. Pre-requisites: CIS 1033, MATH 0103, or consent of instructor. (D)
- 2313 Desktop Publishing** Teaches practical application and techniques of design and layout in creating multi-page documents, flyers, pamphlets, newspaper ads and other publications using the Adobe InDesign software application. Pre-requisite: CIS 1702 or consent of instructor. (S)

- 2323 Advanced Desktop Publishing** Provides students with advanced application and skill development using graphic and desktop publishing software. Covers use of tools and commands to create and enhance digital images, such as color correction, image selection, and multiple layering. Emphasizes independent work and decision making in the revision and creation of newsletters, forms, multi-page documents, and other business publications. Also covers designing publications for the Web. Pre-requisite: CIS 2313. (D)
- 2333 Computer Illustration** Emphasizes knowledge and skills necessary for creating vector based graphics using drawing tools in the Adobe Illustrator software application. Pre-requisite: CIS 1702 or consent of instructor. (F)
- 2343 Digital Imaging (Photoshop)** Introduces the basic elements of Adobe Photoshop, an image-editing program with the capability of creating original digital artwork, retouch or modify digital artwork, and merge and edit color images. Pre-requisite: CIS 1203. (D)
- 2353 Design/Layout** Presents methodology and techniques in graphic design applied to an extended visual communication project including print and/or Web applications. Preparation of comprehensive layouts and oral/visual presentation of projects. Creative problem solving using hand tools and Adobe Creative Suite will be covered. Pre-requisites for Graphic Design emphasis: ART 1013 or ART 1033, CIS 1702, CIS 2313, CIS 2333, CIS 1803 or consent of instructor. Co-requisite: CIS 2601. Pre-requisites for Web Development emphasis: CIS 1702, CIS 2613, CIS 2623 or consent of instructor. Co-requisites: CIS 2663 and CIS 2701. (S)
- 2403 Database Management** Introduces the fundamentals of database design and management exposes the student to Access, and introduces SQL. Discusses entity-relationship models. Pre-requisites: CIS 1523 and one other computer course, or consent of instructor. (D)
- 2413 Word Processing** Introduces the uses and applications of word processing software in the production of documents for business and personal use. Pre-requisite: CIS 2503 or consent of instructor. (F)
- 2503 Microcomputer Business Applications** Provides fundamental hands-on experience using a major software suite, Microsoft Office. Introduces word processing, spreadsheet application, presentation design and database management. Pre-requisite: CIS 1203 or consent of instructor. (F, S)

- 2523 Advanced Microcomputer Business Applications** Provides students with advanced instruction and skill development using the command and techniques of Microsoft Office. Measures the student's abilities in extensive hands-on application projects and exercises in Word, Excel, PowerPoint, and Access. Designed for the student to use in preparation of the Microsoft Office User Specialist Exam (MOUS). Pre-requisite: CIS 2503. (D)
- 2553 Visual Basic Programming and .NET** Studies the fundamentals of using the .NET environment and the Microsoft .NET platform to create Web applications that deliver dynamic content to a Website. Introduces students to the foundations of the .NET framework. Introduces ASP.NET, ADO.NET and Visual C+ to demonstrate the development of .NET applications. Pre-requisite: CIS 2033. (D)
- 2563 E-Commerce and Web Marketing** Introduces the terminology and concepts of how businesses can provide an online commerce presence. Includes an overview of how the Internet can be used for web marketing tools, understand the use of digital money, review ethical, privacy and security issues that relate to electronic commerce. Various digital resources will be used for hands on activities. Pre-requisite: CIS 1203 or consent of the instructor. (F)
- 2601 Graphic Internship** Includes the initial experience in a program designed to combine classroom theory with practical application through job-related experiences. Requires minimum of 40 hours of supervised work experience in an approved training situation. Capstone course for the last semester after meeting prior degree emphasis requirements. (S)
- 2613 Programming for the Internet** Introduces various programming techniques and languages used on the Internet. Focus on HTML5 and advanced CSS3. Pre-requisites: CIS 1033 and CIS 2673 or consent of the instructor. (F)
- 2623 Website Design** Introduces Website development concepts, Web design theory and best practices for the modern Web including preparation, organization, design, implementation, publishing and continual improvement. Using Adobe Creative Suite software students will create and publish basic Web pages. Pre-requisite: CIS 1702 or consent of instructor. (Web Development emphasis students must meet the pre-requisite. Office emphasis students will need consent of instructor.) (F)
- 2643 Advanced Programming for the Internet** Explores advanced techniques for creating dynamic content for the modern web with JavaScript, PHP and MySQL (including database creation). Pre-requisite: CIS 2613 or consent of instructor. (S)

- 2663 Advanced Website Design** Provides advanced techniques for enhancing and extending Website design. Refined techniques and configuration of graphics and Web font management for the modern Web including dynamic, responsive Web design practices. Course will incorporate use of Adobe Creative Suite software and advanced scripting languages. Pre-requisite: CIS 2623 or consent of instructor. (S)
- 2673 Computer Security** Studies security threats to a computing infrastructure and the defenses against these threats. Introduces how the Internet and networks support protected business activities with an emphasis on security concepts. Pre-requisite: CIS 1203. (F, S)
- 2701 Web Development Internship** Includes the initial experience in a program designed to combine classroom theory with practical application through job-related experiences. Requires minimum of 40 hours of supervised work experience in an approved training situation. Capstone course for the last semester after meeting prior degree emphasis requirements. (S)
- 2703 Networking Applications** Introduces the concepts of networking and telecommunications with emphasis on design, architecture, "hands-on" installation, and maintenance. Introduces the student to the Windows server-based network operating system. Pre-requisites: CIS 1103 and CIS 1203, or consent of instructor. (S)
- 2801 Networking Internship** Includes the initial experience in a program designed to combine classroom theory with practical application through job-related experiences. Requires minimum of 40 hours of supervised work experience in an approved training situation. Pre-requisite: CIS 1113 and CIS 1206. Co-requisites: CIS 1223 and CIS 1206. (S)

(CNA) NURSING ASSISTANT

- 1007 Nursing Assistant** Provides instruction with an emphasis on technical skills, professional relationships, and workplace ethics. Graduates of the program are eligible to complete the Arkansas skills test to become a Certified Nursing Assistant (CNA). Graduates of the program are prepared to work in long-term care, acute care, and home-health care settings. (F,S,Su)
- 2007 Medication Assistant** Provides the theory and clinical experiences required by the Arkansas State Board of Nursing for the medication assistant-certified (MA-C) training course. Theory content includes the role and responsibilities of the MA-C

along with the concepts necessary for the safe and effective administration of medications. Supervised clinical experience is provided administering medications in nursing home settings. Pre-requisite: Completing of at least 1 continuous year of full-time experience as a certified nurse aide (CNA) in the state of Arkansas and currently listed in good standing on the Arkansas certified nurse aid registry. (D)

(CPT) COLLEGE PREPARATORY (DEVELOPMENTAL)

Basic Math, College Writing, College Reading, Composition Lab, and Foundations of Reading and Writing are non-credit/pass-fail classes. Grades for non-credit/pass-fail courses will be calculated into the semester grade point average (GPA) but not the cumulative GPA. Placement test scores determine students who will be required to take these courses (see TESTING AND PLACEMENT for further information). A grade of "C" or better is required to pass these courses. Students enrolled in these courses must also take an exit exam.

- 0053 Basic Math (non-credit/pass-fail)** Provides students with instruction in basic arithmetical concepts and a smooth transition to beginning algebra. Students also learn problem-solving skills and strategies. (F, S, SU)
- 0103 College Writing (non-credit/pass-fail)** Focuses on parts of speech, subject/verb agreement, pronoun/antecedent agreement, and basic sentence patterns. Also, students will study the process for writing and revising academic paragraphs. In addition, students will practice paragraph structures, development of ideas in a paragraph, and sentence improvements. Students will submit papers using word processing software. (F, S, SU)
- 0123 College Reading (non-credit/pass-fail)** Provides students with detailed instruction in and examples of the reading skills they must master to be successful in college. Provides active reading strategies, such as finding main ideas and supporting details, to improve textbook comprehension. Focuses on developing techniques for enlarging vocabulary, creating study tools, note taking, and mapping to comprehend longer college-level reading selections. (F, S, SU)
- 0201 Composition Lab (non-credit/pass/fail)** Provides strategies for improving content, organization, voice, grammar, and editing essays. Provides supplemental practice of the skills and content introduced in ENG 1003 Composition I. Students enrolled in this course must be concurrently enrolled in ENG 1003 Composition in the same semester. Required for students who are enrolled in ENG 1003 Composition I with a placement score of 16, 17 or 18 on the English section of the Enhanced ACT or comparable COM-PASS scores. (D)

- 0243 Foundations of Reading and Writing (non-credit/pass-fail)** Emphasizes the reciprocity of reading and writing in an academic environment. Students will analyze a variety of academic texts and complete a series of writing assignments designed to teach them how to interpret arguments, identify important details in text, organize and present evidence, and compose focused academic writing pieces. Coursework focuses on applying critical reading skills to narrative and expository text in order to use the writing process to clearly express ideas. Students who score 15 or below on the reading or writing portion of the Enhanced ACT or a comparable COMPASS score will enroll in this class. (D)

(CRJ) CRIMINAL JUSTICE

- 1023 Introduction to Criminal Justice** Introduces students to the criminal justice system by describing the various agencies of the American criminal justice system and the procedures used to identify and treat criminal offenders. Explores and analyzes the critical issues in criminal justice and their impact on the justice system by focusing on critical policies and issues including shock incarceration, community policing, alternative sentencing, gun control, the war on drug, and the death penalty. (F, S) **ACTS: CRJU 1023**
- 1053 Criminology** Introduces students to the various components that comprise the scientific study of crime and criminal offenders in the American criminal justice system. The focus is on the order and disorder within American society. Featured topics include criminological theory, types of crimes, and an analytical examination of the criminal justice system including police, courts, and correctional systems. (F, S)
- 1223 Police Organization and Administration** Introduces students to the various components of police organization and administration. Examines multiple organization strategies used in policing and organization structures. Topics include historical perspectives, police roles, police management, planning, performance measurement, and general organization principles and doctrines as applied to all aspects of police functions and managements. (F)
- 2013 Institutional Corrections** Provides an examination of the context, structure, and dynamics of local, state, and federal criminal confinement facilities. Explores the various forms of correctional interventions used in America and is designed to understand context, practices, issues and perspectives. (F)

- 2023 Community Corrections** Examines non-institutional correctional agencies, including probation, parole, diversion, pretrial release, community service, restitution, halfway house, and similar programs. (S)
- 2033 Juvenile Delinquency** Introduces students to the various components of the American juvenile justice system. Featured topics include historical perspectives, causation, environmental influences, juvenile justice processes, definition and extent of delinquency, and prevention/treatment methodologies. (F, S)
- 2043 Community Relations in Law Enforcement** Teaches students the various components of human relations utilized in law enforcement and the way those relationships interact and collide with public expectations and sentiment about law enforcement. Focuses on the dynamic nature of police relationships with citizens, other police officers, and how those relationships are crucial to maintaining professional policing in America. (S)
- 2233 Criminal Law I** Provides students with an introductory survey of criminal law relevant to a wide variety of occupations within the various areas of criminal justice. The course would incorporate the basic concepts and doctrines of criminal law in the United States: culpability, causation, homicide, justification and excuse, constitutional limitations on criminal law, attempt, complicity, and conspiracy. (S)
- 2253 Criminal Investigation** Examines the fundamentals and various methods used in criminal investigations, procedures incorporated at crime scenes, collection and presentation of physical evidence, and methods used by police service laboratories. Introduces students to practical criminal investigations and the various components thereof. Focuses on the systematic examination and interpretations of crime scenes and their relationship pertaining to crime and people that commit criminal acts. (F, S)
- 2263 Criminal Evidence and Procedure** Provides and in depth look at the rules of evidence and procedures used within the operational level of law enforcement and other legal professions. Examines criminal procedures, professional conduct of witnesses, and the importance of safeguarding personal constitutional liberties. Introduces students to the various aspects of criminal procedure. It is mostly concerned with United States court decisions and their relevance to arrests, searches/seizures, interrogations, sentencing practices, and civil liabilities. Analyzes legal safeguards and impediments facing legal professionals and how they affect the performance of their duties. (F,S)

- 2273 Criminal Justice Internship** Includes a combination of work and study based methods of learning. Students observe, participate, and critically analyze the experience, which ultimately leads to the written evaluation of their experiences. Allows students the opportunity to apply various criminal justice concepts and principals of knowledge, which are learned in the AAS in Criminal Justice. Students are required to complete 120 hours at a criminal justice agency of their choosing. Pre-requisites: CRJ 1023, CRJ 1223, CRJ 2263, and CRJ 1053 or CRJ 2033. (F, S)

(ECON) ECONOMICS

- 1013 Personal Finance and Economics** Practical applications of personal financial planning, budgeting, and control. Emphasis in this course is placed on the use of credit, insurance, savings, investments, retirement planning and housing finance. (D)
- 2313 Principles of Macroeconomics** Studies how economic systems operate, with emphasis placed on money, banking, and national income. Designed to increase awareness of economic problems and encourage the student to analyze alternative solutions. (F, S) **ACTS: ECON 2103**
- 2323 Principles of Microeconomics** Emphasizes value, prices, distribution, international economics, and current problems. (F, S) **ACTS: ECON 2203**
- 2333 Economics Issues & Concepts** Provides a basic understanding of our economic system. Explores basic economic concepts and examines contemporary economic problems and issues in light of the concepts learned. (D)

(EDU) EDUCATION

- 2013 Survey of Early Childhood Education** Surveys the history, theory, and practice of early childhood education. (F, S)
- 2033 Introduction to Education** Provides students with an overview of teaching as a profession, providing them with an opportunity to observe the educational process. (20 clock hours of observation and directed assignments required). Gives students the opportunity to ascertain if the Education profession is an appropriate vocational choice. Pre-requisite: sophomore standing. (F, S)

- 2043 **Exceptional Child** Assists teacher candidates in acquiring the foundational concepts of special education law and structure of special education delivery. The history and treatment of persons with disabilities, legal foundations of special education, evaluation process, special education language and service delivery models will be emphasized. Requires teacher candidates to reflect on professional role expectations, responsibilities and obligations. Pre-requisite: EDU 2033. (F,S)
- 2113 **Child Growth & Learning** Studies the nature and development of children from pre-birth to the middle years of childhood. Includes physical, cognitive, and psychosocial development. Prepares students to understand the complex, dynamic process of child development and helps students understand when departures from normal childhood behavior are significant. (D)
- 2305 **Child and Young Adult Literature** Reviews the major theories and concepts related to cognition, metacognition, and motivation for reading for students in K-12 settings, including students with special needs. Teaches candidates how to analyze and integrate developmentally appropriate literature across a standards-based curriculum-dig- itally and through traditional print. (F)
- 2803 **Introduction to K-12 Educational Technology** Provides students with an overview of the technologies that can enhance teaching and learning. Teaches basic computer skills and the uses of various software applications (i.e., word processing, database, spreadsheet, graphics, multimedia, etc.) in the educational setting. (F, S)

(EMT) EMERGENCY MEDICAL TECHNICIAN

- 1007 **Emergency Medical Technician** Provides the basic program approved by the Arkansas Department of Health, EMS Division, and the National Registry of Emergency Medical Technicians. This course provides for lecture and practical training to adhere to the 1994 U. S. Department of Transportation EMT – Basic National Standard Curriculum. Focus is placed on the knowledge and skills an individual needs to possess in pre-hospital emergency care to function as part of a team providing pre-hospital care to the ill and injured. Students successfully completing the program will be eligible to take the required State and National examination.
(F, S, Su)

(ENG) ENGLISH

1003 Composition I Studies and practices the fundamentals of written communication including principles of grammar, punctuation, spelling, organization, and careful analytical reading. (F, S) **ACTS: ENGL 1013**

Pre-requisites:

1. Test scores as outlined under admissions policies in this catalog or completion of CPT 0023 and/or CPT 0033 with a grade of "C" or better.
2. Keyboarding skills are required before enrolling in this class. Students who are non-typists or novice typists may enroll in the course but will be required to spend a minimum of one hour per week in the Schlieman Learning Center practicing typing skills. Attendance in the tutoring center is a required component of the class for non and novice typists.

Requisites:

1. Students must enroll in Composition I within their first 15 hours of credit work. If they fail or withdraw from Composition I, they must re-enroll in Composition I for the following semester and must continue enrollment in the course until they pass it.
2. Students must earn a grade of "C" or better in ENG 1003 before enrolling in ENG 1013.

1013 Composition II Develops further the skills learned in Composition I. Based on reading and discussion of various types of writing, the students' essays will provide practice in different kinds of rhetorical development including research and documentation. Pre-requisite: Keyboarding skills are required before enrolling in this class (see ENG 1003) and completion of ENG 1003 with a grade of "C" or better. Requisite: Students must earn a grade of "C" or better to pass the course. (F, S) **ACTS: ENGL 1023**

2003 World Literature I Introduces students to the analysis and interpretation of literary works from several historical periods ranging from early civilizations through the Renaissance. (F, S) **ACTS: ENGL 2113**

2013 World Literature II Introduces students to the analysis and interpretation of literary works from several historical periods ranging from the Renaissance to the present. (F, S) **ACTS: ENGL 2123**

- 2103 Introduction to Poetry** Studies the major poetic forms and trends and is designed to deepen the students' understanding of and appreciation for this most ancient of the literary arts. (D)
- 2113 Introduction to Fiction** Focuses on short fiction and the novel. Discusses various modes and concepts of fiction; investigates reader expectations; analyzes form and theory. (D)
- 2123 Introduction to Drama** Studies the theatre as a literary phenomenon. Investigates the form and theories of what makes good drama; analyzes structures and meanings based on various critical modes. (D)
- 2133 Special Studies** Offers the student a chance to investigate specific genres, specific groups of writers, and/or specific authors. Genre (such as science fiction), groups of writers (such as Native American authors), and specific authors (such as Shakespeare) change from semester to semester. May be taken twice for 6 hours of credit. (D)
- 2323 American Literature I** Studies major American authors, genres, and movements from the beginning through the Civil War. (D) **ACTS: ENGL 2653**
- 2363 American Literature II** Studies major American authors, genres, and movements from the Civil War to the present. (D) **ACTS: ENGL 2663**
- 2373 Comparative Modern Grammars** Studies major grammatical systems: traditional, structural, and transformational. (D)

(FRN) FRENCH

- 1013 Elementary French I** Provides a listening-speaking-reading-writing approach to developing basic language skills. (D) **ACTS: FREN 1013**

(FUS) FUNERAL SERVICE

- 1001 Funeral Service Clinical I** This course broadens students' death-care experience by performing daily duties in a funeral home under the supervision of licensed funeral directors. Supervisors/preceptors assist faculty by providing students practical work-based experiences and direct client care. Professional duties are supervised

and evaluated for progress. Upon successful completion, students will be able to demonstrate fundamental techniques of funeral arranging and directing, preparation of the dead, and funeral home operation. Requires 20 clock hours which may be unpaid at the discretion of the host funeral home. Pre-requisites: FUS 2242 (may be concurrent). (F,S,SU)

- 1003 Embalming I** Introduces the embalming profession through a study of the responsibilities, conduct and qualities of a professional embalmer. Special emphasis is given to federal and state governmental regulations with proper training in OSHA and FTC requirements. A complete study of post mortem changes, various types of death and its effect upon the human organism is discussed, followed by case analysis, proper procedure and sequence in embalming, instruments, the preparation room, chemicals and landmarks of the human body. (S)
- 1012 Restorative Art I** Studies the anatomy and physiognomy of the face and head and techniques for reconstruction. Focuses on the bones, muscles, measurements, proportions, markings, and head shapes. Special laboratory skills explored in anatomical wax modeling. (S)
- 1022 Funeral Service History, Ethics and Sociology** Examines the history of funeral activities of various cultures and areas, sociological aspects of religious customs and cultures as they pertain to the funeral, death, and final disposition, and the ethical considerations facing the funeral service profession, both from a personal and a professional standpoint. Emphasis on the growth of the American funeral profession and funeral service ethics. (D)
- 1033 Mortuary Chemistry** Provides a basic understanding of inorganic, organic, and biochemistries and how their theories and laws form a sound scientific basis for the embalming procedure. Open to Funeral Science majors only. (S)
- 1143 Business and Funeral Service Law** Introduces the critical areas of business law that relate to the daily operations of the funeral service profession. Covers the law of contracts, torts, trusts, sales, secured transactions, negotiable instruments, agency, corporations and other business associations, bailments, probate and estate property rights, criminal violations as well as an examination of our courts and civil procedure. Specific instruction given to the areas of law dealing with funeral service including regulations dealing with disposition of dead bodies, rights and responsibilities of the funeral director, and state and federal regulations governing

the industry. Although the course is structured for students from any state, reference will be made to applicable Arkansas laws. (F)

- 2001 Funeral Service Clinical II** Further broadens students' death-care experience by performing daily duties in a funeral home under the supervision of licensed funeral directors. Supervisors/preceptors assist faculty by providing students practical work-based experiences and direct client care. Professional duties are supervised and evaluated for progress. Upon successful completion, students will be able to demonstrate techniques of funeral arranging and directing, preparation of the dead and funeral home operation. Requires 20 clock hours which may be unpaid at the discretion of the hos funeral home. Pre-requisites: FUS 2223, (may be concurrent)(F, S, SU)
- 2011 Comprehensive Review I: Sciences** Reviews all funeral science curricula covered by the sciences section of the National Board Examination (NBE) utilizing multiple study materials and practice tests. Requires passing of the sciences portion of the NBE in order to receive a completed passing grade in the class. Travel to and participation in the NBE will be part of class activities. (D)
- 2021 Comprehensive Review II: Arts** Reviews all funeral science curricula covered by the arts section of the National Board Examination (NBE) utilizing multiple study materials and practice tests. Requires passing of the arts portion of the NBE in order to receive a completed passing grade in the class. Travel to and participation in the NBE will be part of class activities. (D)
- 2022 Restorative Art II** Emphasizes the use of color and cosmetic theory as it applies to funeral service. Includes extensive laboratory skills in cosmetic application and wax reconstruction. Pre-requisite: FUS 1012. (F)
- 2113 Pathology and Microbiology II: Applications** Covers pathology and microbiology principles, including an understanding of how diseases and pathogens affect embalmers and the embalming process. Methods of combating the effects of microbes, diseases, and the drugs used to fight them are studied with an emphasis on ensuring safety and optimizing embalming results. Pre-requisite: BIOL 1113. (S)
- 2123 Embalming II** Emphasizes principles and techniques of embalming. Topics covered include linear and anatomical guides, case analysis, formulating chemical solutions, complete analysis of the circulatory system, an explanation of the equipment used in the embalming process, and methods of injection and drainage. Pre-requisite: FUS 1003. (F)

- 2143 Pathology** Studies basic pathology principles as applied to the funeral service profession. The course includes an understanding of the basic course of diseases and the effect these diseases may have upon the embalmer. (D)
- 2171 Practicum I** Offers students practical training and experience in embalming and restorative art while working in local mortuaries under the supervision of licensed preceptors. Emphasis is placed on development and improvement of skills which reinforce classroom learning. Students must consult their advisor before enrolling in this course. Pre-requisites: FUS 1003 and FUS 1012 (may be concurrent). (F, S, Su)
- 2181 Practicum II** As a continuation of Practicum I, this course offers students continued practical training and experience in embalming and restorative art while working in local mortuaries under the supervision of licensed preceptors. Emphasis is placed on further development and improvement of skills which reinforce classroom learning. Completion requires verification of students' skills by a university representative. Students must consult their advisor before enrolling in the course. Pre-requisite: FUS 2171. (F, S, Su)
- 2223 Funeral Service Management and Merchandising** Studies funeral service management and operational procedures as they relate to funeral service procedures, client families, staff personnel, community and professional associates. Explores funeral merchandising, which includes the types, construction and parts of funeral merchandise, how prices are determined and quoted, and how merchandise is mixed, displayed, monitored, and evaluated. Guest lectures and field trips are an integral part of this course. (S)
- 2242 Funeral Directing** Serves as an orientation to the funeral service environment, including the duties, responsibilities, skills, and ethical obligations. Practices the study of the history of funeral service and procedures used in military, fraternal, and religious funerals in the United States. (F)
- 2253 Funeral Service Psychology and Counseling** Studies the natural grieving process in adults and children, adjustment mechanisms, bereavement, and the role of the funeral director in counseling the bereaved. General Psychology will not be allowed as substitution for FUS 2253. (D)

(GEOG) GEOGRAPHY

- 1103 Introduction to Geography** Emphasizes the patterns of human societies and physical environments of the earth. (D) ACTS: GEOG 1103)
- 1233 Introduction to Geographic Information Systems** Uses the most current version of Arc View software and state of the art GPS receivers. Provides hands-on training in the operation of the GPS receiver to include data collection and the downloading of data into the ArcView database. Also provides an introduction to databases in general and detailed work with the ArcView database as it relates to data manipulation in the civil drafting field and in other related areas of Geographic Information. Lecture two hours, laboratory two hours. (D)
- 2613 Physical Geography** Describes and interprets how man interrelates with the physical features of the surface zone of the earth, including land forms, weather, climate, soils, vegetation, and water. (F, S) ACTS: GEOG 2223
- 2703 World Geography** Examines the world's major regions. The topics covered in each region include geographic interpretation of population, cultures, climate, and economic activities in the physical setting. (D) ACTS: GEOG 2103

(GEOL) GEOLOGY

- 1004 Physical Geology & Lab** Introduces the basic principles and processes acting to produce man's physical environment. Includes an introduction to minerals, rocks, and topographic maps. Lecture three hours, lab two hours per week. (D) ACTS: GEOL 1114
- 1014 Historical Geology & Lab** Studies the history and sequence of development of the earth and its inhabitants, including an introduction to the taxonomy and morphology of common fossils from plant and animal kingdoms. Lecture three hours, lab two hours per week. (D)
- 1104 Earth Science** Investigates Earth's major physical systems, including the lithosphere, hydrosphere, and atmosphere, as well as Earth's place in the solar system. As such, this course provides a brief synthesis of pertinent topics in geology, physical geography, oceanography, meteorology, and astronomy. Lecture three hours per week, lab two hours per week. (D) ACTS: PHSC 1104

(GRM) GERMAN

- 1013 Elementary German I** Provides a listening, speaking, reading and writing approach to developing basic language skills. This course is designed for students with no previous knowledge of German. (D) **ACTS: GERM 1013**
- 1023 Elementary German II** Continues GRM 1013. Pre-requisite: GRM 1013 or consent of the instructor. (D) **ACTS: GERM 1023**
- 2013 Intermediate German I** Continues the development of the basic language skills, with increasing emphasis on the written language. This course is recommended for students who have had high school German and who seek to improve their speaking and writing skills. Pre-requisite: GRM 1013 or 1023 or two years of German in high school or consent of the instructor. (D) **ACTS: GERM 2013**
- 2023 Intermediate German II** Furthers the development of basic language skills with applications of knowledge in both speaking and writing. Pre-requisite: GRM 2013 or three years of German in high school or consent of the instructor. (D) **ACTS: GERM 2023**

(HIST) HISTORY

- 1013 World Civilization to 1660** Explores ancient, medieval, and early modern civilizations in both the Western and non-Western world with emphasis on historical trends influencing modern society. (F, S) **ACTS: HIST 1113**
- 1023 World Civilization since 1660** Examines Western and non-Western civilizations from the early modern era to the present with emphasis on inter-relationships and shifting bases of power. (F, S) **ACTS: HIST 1123**
- 2103 American Military History** Studies the American military in war and peace focusing on battle strategies, rules of engagement, logistics, nation building, and leadership and how these factors influenced changes in the military and its activities from colonial times to the present. (D)
- 2133 Global History Since 1900** Provides a survey of important developments in political, social, economic, and cultural history from 1900 to the present day with special emphasis on the increasing interconnectedness of societies throughout the world and the development of a global economy and culture. (D)

- 2763 The United States to 1876** Investigates social, economic, and political development from new world exploration to Reconstruction with emphasis on historical trends influencing modern society. (F, S) **ACTS: HIST 2113**
- 2773 The United States since 1876** Studies social, economic, and political development from Reconstruction to the present with emphasis on the changes and adjustments required by the evolving American experience. (F, S) **ACTS: HIST 2123**
- 2883 Arkansas History** Examines the political, social, economic, and cultural development of Arkansas from the pre-colonial era to the present. (online: F, SU; seated classroom: S)
- 2893 American Minorities** Involves the study of several minority groups in American society from colonial times to the present. Major emphasis will be on African Americans and Native Americans. Will also examine the contributions of Oriental and Hispanic minorities to the development of American Culture. (F)

(HLT) HEALTH

- 2203 Basic Human Nutrition** Examines basic concepts of nutrition including factors that have an impact upon nutritional practices. Special attention to age-related nutritional needs. Open to nursing and non-nursing majors. (F, S)

(HSA) HEALTH SERVICES ADMINISTRATION

- 1004 Health Professions Observation** Provides students with an overview of the health professions, providing them the opportunity to observe and interact with various health-related fields. Student will observe 40 clock hours and complete directed assignments as required. Emphasis will be placed on patient care, health-related skills, and technology related to health professions. (D)
- 2013 Medical Terminology** Uses the body systems approach to learning medical terms using word roots, prefixes, and suffixes. Pathological, surgical, and diagnostic terms are also learned as well as related abbreviations. (F, S)

(HVAC) HEATING, VENTILATION, AIR CONDITIONING

- 1014 Principles of Air Conditioning and Refrigeration** Introduces the student to the whole process of air conditioning and refrigeration. Presents the concepts behind diagnosing problems and troubleshooting. Safety, proper specialty tool usage and EPA Section 608 licensing requirements will be covered. The process of identifying tubing and pipe using a practical approach is presented. Introduces sizing and fitting tubing and pipe to different configurations using mechanical fittings. (F)
- 1024 Principles of Heating** Develops a basic understanding of residential and commercial heating and cooling systems. Operation, maintenance and installation of gas, electric, oil and heat pump systems will be covered. The Psychometric Chart will be introduced. (F)
- 1034 Principles of Refrigeration** Covers mechanical refrigeration systems emphasizing proper service techniques through analysis of the problem. Troubleshooting techniques, such as testing procedures, parts removal and installation, special system components, are covered in depth. Covers commercial use equipment such as ice machines and cooler boxes service and repair. (S)
- 1102 Introduction to Sheet Metal** Provides the student with basic knowledge and skill with tools and equipment found in a metal shop. Students will be familiar with basic techniques of brazing and soldering. How to build a plenum or simple transition will be covered. (D)
- 1104 Introduction to Air Distribution Systems** Provides the student with the basic knowledge and skill to determine air flow requirements. Students will become familiar with air flow measurement tools and ductwork sizing to match system needs. Indoor air quality requirements and air balancing will be covered. (F)
- 1204 Residential HVAC** Teaches the student to understand the mechanics of a residential air conditioner. Teaches how to service and repair air conditioner or heat pump, as well as the technician's role in maintaining HVAC systems. EPA Section 608 licensing will be covered in-depth and students given the opportunity to take the test. Introduces sizing and fitting tubing and pipe to different configurations. (F)

- 2004 HVAC Electrical Circuits** Emphasizes understanding the basics of diagnosing air conditioning electrical problems. Teaches how to read schematics and apply that knowledge for troubleshooting and installation purposes. Schematic wiring diagrams found in air conditioning and refrigeration will be used to interpret, read, and draw schematics; schematics wiring diagrams used for troubleshooting techniques. Energy Management Systems will be introduced. (S)
- 2102 Tubing and Pipe** Covers the process of identifying tubing and pipe using a practical approach. Introduction to sizing and fitting tubing and pipe to different configurations using mechanical fittings. (D)
- 2204 Commercial HVAC** Introduces large tonnage air conditioning systems used in commercial structures and related components. Chilled water piping, pumps and cooling tower operation and maintenance will be covered. VAV systems and their control methods are introduced. EPA Section 608 Type III licensing requirements will be covered. Pre-requisites: HVAC 1014 Principles of Air Conditioning and Refrigeration, or instructor approval. (S)
- 2404 Residential/Commercial Load Calculation** Focuses on understanding heat loss and gain, sensible and latent load, and how residential construction relates to the selection of properly sized HVAC equipment. Teaches how to perform a Manual J Load, both manually and with an ACCA approved Wrightsoft computer program. The Psychometric Chart will be emphasized. Pre-requisites: HVAC 1014, HVAC 1024, HVAC 1104 and HVAC 1204 or instructor approval. (S)
- 2504 Advanced Troubleshooting in HVAC** Teaches application of troubleshooting principles and use of test instruments to diagnose air conditioning and refrigeration components and system problems including conducting performance tests. Prerequisites: HVAC 1014, HVAC 1024, HVAC 1104 and HVAC 1204, or instructor approval. (S)

(LPN) PRACTICAL NURSING

- 1102 Basic Nursing Concepts** Examines the basic theoretical concepts that guide the practice of nursing within the profession, the health care system, and society. Includes basic principles of care for self and others throughout the life span, including holistic care and wellness concepts. Covers legal and ethical responsibilities, communication, and cultural sensitivity. (F)

- 1303 Foundations of Nursing Procedures** Covers the theory content necessary for the safe and effective delivery of nursing care. Includes nursing process, infection control, assessment, medication administration and intravenous therapy. Safety, hygiene and basic nutrition are introduced. (F)
- 1404 Nursing Skills** Provides supervised, hands-on experience in the nursing skills lab to practice and demonstrate mastery of basic, intermediate, and advanced nursing procedures. (F)
- 1603 Nursing of Older Adults** Examines the health care needs of older adults with the focus on wellness promotion, restorative care, and promoting optimum function. (F)
- 1803 Introduction to Pediatric Nursing** Emphasis on nursing care, health promotion, disease process, and growth and development of children. (F)
- 1902 Clinical I** Provides clinical experiences in fundamentals of nursing and gerontological nursing. Introduces students to the role of the LPN in long-term care. (F)
- 2104 Med-Surg Nursing Concepts I** Emphasis on nursing care of adult medical, surgical and oncology patients. Includes disease processes, diagnostic tests, and introduces cultural considerations. (S)
- 2201 Basic Nursing Management** Examines the leadership and management roles of the practical nurse in long-term care settings. Introduces disaster management. (S/SU)
- 2303 Mental Health Nursing** Studies concepts of mental health disorders and treatment modalities. Introduces nursing care of individuals with specific mental health disorders. (S)
- 2403 Maternal/Newborn Nursing** Introduction to concepts of care for pregnancy, labor, delivery and risk factors. Includes postpartum care of mother and newborn. (F/S)
- 2602 Med-Surg Nursing Concepts II** Continues emphasis on nursing care of adult medical, surgical and oncology patients. Includes disease processes, diagnostic tests, and cultural considerations. Pre-requisite: LPN 2104. (F)

- 2702 Med-Surg Nursing Concepts III** Continues emphasis on nursing care of adult medical, surgical and oncology patients. Includes disease processes, diagnostic tests and cultural considerations. Pre-requisite: LPN 2602. (S)
- 2604 Med-Surg Nursing Concept IV** Continues emphasis on nursing care of adult medical, surgical and oncology patients. Includes disease processes, diagnostic tests and cultural considerations. Pre-requisite: LPN 2104 (Su)
- 2905 Night Clinical II** Provides clinical experiences in medical-surgical units, mental health, and specialty areas of the hospital to include medication administration and intravenous therapy. Pre-requisite: LPN 1902. (S)
- 2908 Day Clinical II** Provides clinical experiences in medical-surgical units, pediatrics, mental health, and specialty areas of the hospital to include medication administration and intravenous therapy. Pre-requisite: LPN 1902. (S)
- 2914 Night Clinical III** Continues acute care experiences in area of maternal/newborn nursing. Preceptorship experience in long-term care. Pre-requisite: LPN 2905. (F)
- 2916 Day Clinical III** Continues acute care experience in area of maternal/newborn nursing. Preceptorship experience in long-term care. Pre-requisite: LPN 2908
- 2925 Night Clinical IV** Fulfills preceptorship requirements in long-term care. Pre-requisite: LPN 2914 (S)

(MATH) MATHEMATICS

- 0003 Beginning Algebra (non-credit)** Reviews addition, subtraction, multiplication, and division of real numbers. Focuses on the addition and multiplication principles of polynomials, exponents, and factoring polynomials and quadratic equations. This course is a pass/fail course, passing with at least a "C" and must be completed before students enroll in MATH 0103, if a student's placement scores indicate this course is required. (F, S, SU)
- 0023 Developmental Mathematics I (non-credit)** Covers the first four modules out of the 12-module developmental mathematics sequence. Course format is computer-based with one-on-one help available from the instructor. (D)

- 0033 Developmental Mathematics II (non-credit)** Covers modules five through eight out of the 12-module sequence. Course format is computer-based with one-on-one help available from the instructor.
Prerequisite: Completion of at least four modules and a grade of "C" or better in MATH 0023 Developmental Math I. (D)
- 0043 Developmental Mathematics III (non-credit)** Covers modules nine through twelve out of the 12-module sequence. Course format is computer-based with one-on-one help available from the instructors.
Prerequisite: Completion of at least eight modules and a grade of "C" or better in MATH 0033 Developmental Math II. (D)
- 0051 Developmental Mathematics Selected Modules** Continues Developmental Mathematics for students needing to complete one module as a pre-requisite for BUS 1413, MATH 1113, or MATH 1023. Pre-requisite: Approval of Division Chair of Math and Natural Sciences. (D)
- 0052 Developmental Mathematics Selected Modules** Continues Developmental Mathematics for students needing to complete two modules as a pre-requisite for BUS 1413, MATH 1113, or MATH 1023. Pre-requisite: Approval of Division Chair of Math and Natural Sciences. (D)
- 0063 Pre-Applied Math** Covers basic arithmetic skills and solving linear equations. Course format is computer-based with one-on-one help available from the instructor.
- 0103 Intermediate Algebra** Focuses on exponents, radicals, polynomials, rational expressions, linear equations, functions, graphs, factoring, introduction to quadratic equations, and related topics. Taught in a lecture format. (This course may not transfer.) Pre-requisite: MATH 0003 or required placement score. (F, S, SU)
- 0113 FUS Applied Math** Consists of applications, formulas, problem solving and critical thinking skill as applied to Associate of Applied Science programs – especially tailored to Funeral Science majors. Topics covered include mathematics skills such as ratios and proportions, measurements, basic geometry, data analysis, algebra, personal and business finance and an emphasis on fluid measurements and solution dilutions. Pre-requisite: CPT 0053, an ACT score of 14+ or a Compass score of 34+. (D)

- 1023 College Algebra** Studies quadratic equations and inequalities; polynomial, rational, exponential, and logarithmic functions; graphing functions, combining functions, inverse functions; solving systems of linear and nonlinear equations; and use of matrices and determinants. Emphasis on applications and problem solving. (No credit given if taken following MATH 1054.) Pre-requisite: Required placement score or a grade of "C" or better in MATH 0103 or completion of modules one through 12 in Developmental Mathematics. (F, S, SU) **ACTS: MATH 1103**
- 1024 College Algebra with Review** Studies quadratic equations and inequalities; polynomial, rational, exponential, and logarithmic functions, graphing functions, combining functions, inverse functions; solving systems of linear and nonlinear equations; and use of matrices and determinants. Emphasis on applications and problem solving. (No credit given if taken following MATH 1054.) Pre-requisite: Required placement score or a grade of "C" or better in MATH 0103.
- 1033 Plane Trigonometry** Examines trigonometric functions, identities, inverse trigonometric functions, vectors, polar coordinates, and complex numbers. (No credit given if taken following MATH 1054) Pre-requisite: MATH 1023 with a grade of "C" or better, or permission of the instructor. (D) **ACTS: MATH 1203**
- 1043 Quantitative Reasoning** Covers at least three (3) of the following four areas of study: (1) Personal, state, and national finance; (2) Statistics and probability; (3) Mathematical modeling; and (4) Quantities and measurement. Content will be based in the context of everyday life. Pre-requisite: A score of 19 on the Math section of the ACT and a score of 19 on the Reading section of the ACT. (F)
- 1054 Precalculus Mathematics** Examines trigonometric functions, analytical geometry, and a few selected topics from algebra. Pre-requisite: High School Algebra II and score of 22 or above on ACT or 630 or above on SAT, or MATH 1023 with a score of "C" or better. (S) **ACTS: MATH 1305**
- 1103 Technical Math** Focuses on a review of arithmetic, calculator use, linear and angular measurement, use of formulas and equations, and elementary applications of geometry. (Credit earned not applicable toward an Associate of Arts degree). Pre-requisites: ACT 16 or CPT MATH 0053 or MATH 0063.
- 1113 Applied Math** Consists of applications, formulas, problem solving, and critical thinking skills as applied to Associate of Applied Science programs (AAS). Designed to meet the mathematics requirements for certain A.A.S. degrees. Topics covered include

mathematics skills such as ratio and proportion, measurements, basic geometry, and data analysis. Topics may also include unit analysis, algebra, probability, personal finance, and right triangle trigonometry. All students must have Internet and e-mail access to complete assignments through MyLabsPlus (an interactive online learning environment). A MyLabsPlus access code is available in the bookstore. Pre-requisite: Pre-requisite: ACT score of 17 OR Modules 1-5 of Developmental Math with a grade of C or better OR Math 0063 with a grade of C or better OR Math 0003 with a grade of P. (F,S)

- 2113 Mathematics for Teachers I** Focuses on sets, logic, and numbers with emphasis on the axiomatic development of the real numbers. For elementary education majors only. Pre-requisite: MATH 1023 with a grade of "C" or better. This is NOT a methods course. (This course may not be used to satisfy the Associate of Arts or Associate of Applied Science mathematics requirement.) (F)
- 2123 Mathematics for Teachers II** Focuses on mathematical systems, elementary algebra, probability and statistics, and geometry with applications. For elementary education majors only. Pre-requisite: MATH 2113 with a grade of a "C" or better. This is not a methods course. (This course may not be used to satisfy the Associate of Arts or Associate of Applied Science mathematics requirement.) (S)
- 2143 Business Calculus** Explores limits, derivatives, and integrals. Emphasizes business calculus applications including marginal analysis, optimization, and extrema and concavity of functions. (Will not satisfy requirements for mathematics degrees. Credit will not be given for both MATH 2143 and MATH 2204 or for MATH 2143 and MATH 2194.) Pre-requisite: MATH 1023 or MATH 1054 with a grade of a "C" or better, or consent of instructor. (F,S)
- 2194 Survey of Calculus** Surveys the basic concepts of calculus, including limits, derivatives, exponential, logarithmic functions, and integrals. (Credit will not be given for both MATH 2194 and MATH 2204.) Pre-requisite: MATH 1023 with a grade of "C" or better or MATH 1054 with a grade of "C" or better. (F) **ACTS: MATH 2203**
- 2204 Calculus I** Introduces functions, limits, derivatives, and integrals, and transcendental functions with applications. Pre-requisite: MATH 1033 with a grade of "C" or better or MATH 1054 with a grade of "C" or better, or equivalent or consent of instructor. (D) **ACTS: MATH 2405**

- 2214 Calculus II** Continues Calculus I, including hyperbolic functions, techniques of integration, sequences and series, conic sections, polar coordinates, and parametric equations. Pre-requisite: MATH 2204 with a grade of "C" or better. (D) **ACTS: MATH 2505**

(MUS) MUSIC

- 2503 Fine Arts-Music** Introduces music to the listener who has had no formal training or experience. The purpose is to develop listening skills. (F, S) **ACTS: MUSC 1003**

(ORT) ORIENTATION

- 1003 Student Success** Focuses on practical strategies to help both traditional and nontraditional student's progress successfully through college and into a career. Academic, social and personal skills are studied. (D)
- 1011 First Year Experience** Intended to ease a student's transition to college life. Introduces the first semester student to the ASUMH campus, learning opportunities, resources, policies, support systems, and student activities. Explains important policies governing campus life and identifies campus resources. Covers topics answering many questions a typical freshman has, assisting in the transition to college life for both traditional and non-traditional students. Includes subject matter of introduction to campus resources, orientation to campus technologies, development of academic skills, and research into choosing a major and career. (F,S,SU)

(OTS) OFFICE TECHNOLOGY SPECIALIST

- 2007 Professional Medical Coder** Provides instruction enabling students to demonstrate the accurate coding skills necessary for obtaining optimum reimbursement for a provider. Students will have a comprehensive understanding ICD-10-CM as well as ICD-9-CM. By combining skills learned in basic anatomy, medical terminology, and the structure of word elements, students will be able to effectively interpret medical documentation for appropriate reporting. Pre-requisite, co-requisite: HSA 2013, or consent of instructor. (F, S)

- 2013 Healthcare Billing, Compliance, and Reimbursement** Provides students the information and practical application in billing and compliance for Medicare/Medicaid, Managed Health Care, and third party payer claims. Introduces students to legal and regulatory issues, coding systems, reimbursement methodologies, coding for medical necessity, and common health insurance plans. Includes presentation of information concerning HIPPA regulations compliance. Pre-requisite or co-requisite: HSA 2013 or consent of instructor. (F, S)
- 2533 Legal Terminology and Document Preparation** Applies legal terminology in creating, maintaining, storing, and retrieving documents as performed in a legal office environment. Pre-requisites: CIS 1523, CIS 2413 or consent of instructor. (D)
- 2713 Introduction to Health Insurance Billing and Medical Transcription** Introduces the career field of health insurance billing and medical transcription. Topics covered include appropriate interaction with patients and medical staff, maintaining patient records, processing insurance claims, billing and collections, and medical transcription. This course is a pre-requisite for OTS 2833 Medical Insurance Coding. Pre-requisite: HSA 2013. (D)
- 2733 Advanced Medical Transcription** Develops advanced skills in medical transcription including various medical reports. Covers autopsy, pathology, neurology, gynecology, cardiology, etc. Pre-requisite: OTS 2713. (D)

(PAR) PARAMEDIC

- 1013 Foundations of the Paramedic** Covers an intro to Para-medicine and EMS systems. It includes an intro into mechanism of injury, assessment, pathophysiology, management and treatment of traumatic injuries, hemorrhage, burns, thoracic trauma, soft tissue injury, head injury, spinal injury, abdominal injury, and musculoskeletal injury. (F)
- 1103 Pharmacology for the Paramedic with Lab** A review of basic pharmacology moving into a focus on medications used pre-hospital arena for medical and cardiac emergencies. Studies the pathophysiological principles of drug uptake, utilization, and elimination in the body. (F)

- 1104 Clinical Preparatory for Paramedics with Lab** A combination of classroom and clinical laboratory instruction centered on important areas of the pre-hospital environment to include: an introductory study of modern Emergency Medical Services, basic principles, procedures, and techniques of emergency care along with patient assessment and concepts regarding legal/ethical, care delivery, technologies and patient/family expectations. Prepares the student to care for patients in the clinical area by teaching/practicing skills such as intravenous access, medication administration, and airway management. (F)
- 1105 Medical Emergencies for Paramedics I with Lab** At the completion of this course, the Paramedic student will be provided the opportunity to integrate patho-physiologic principles and assessment findings to formulate a field impression and implement a treatment plan for patients experiencing medical emergencies in the pre-hospital care environment, involving the respiratory, cardiac and nervous systems. (F)
- 1213 Cardiovascular Care for the Paramedic** covers cardiac anatomy and physiology with particular attention to cardiac electrical activity and the interpretation of electrocardiograms. Utilizes assessment findings to formulate a field impression, implement and evaluate the management plan for the patient experiencing a cardiac emergency. The student will take *Advanced Cardiac Life Support (ACLS)* in this course. (S)
- 1223 Medical Emergencies for Paramedics II with Lab** At the completion of this course, the Paramedic student will be provided the opportunity to integrate patho-physiologic principles and assessment findings to formulate a field impression and implement a treatment plan for patients experiencing medical emergencies in the pre-hospital care environment, involving the endocrine, gastroenterological, renal/urinary and gynecologic systems, including toxicological emergencies. (S)
- 1303 Trauma for Paramedics with Lab** At the completion of this course, the Paramedic student will be able to integrate the principles of kinematics to enhance the patient assessment and predict the likelihood of injuries based on the patient's mechanism of injury. Advanced management and treatment of traumatic injuries will include: hemorrhage/shock, soft tissue trauma, burns, head/facial trauma, spinal trauma, thoracic trauma, abdominal trauma and musculoskeletal trauma. (S)
- 2003 Assessment Based Management** Brings together rapid and advanced patient assessment with an in-depth understanding of multi-system trauma and/or critical diseases. Students put together past learning and use critical thinking to address and treat multi-system trauma or the rapidly deteriorating patient. The student will take AMLS in this course. (S)

- 2113 Clinical Practicum I** Consists of supervised rotations through selected clinical and field areas. Emphasis on developing and improving psychomotor skills which reinforce classroom presentations. (S)
- 2212 Clinical Practicum II** Consists of supervised rotations through selected clinical and field areas. Emphasis on developing and improving psychomotor skills which reinforce classroom presentations. (Su)
- 2316 Paramedic Field Internship** Provides supervised experience in pre-hospital settings. Emphasizes the application of previous course work in the field environment with the student assuming the role of pre-hospital team lead under a preceptor. (Su)
- 2395 Paramedic Operations Management with Lab** This course is the capstone of the program and works in conjunction with the field internship. The student will apply and polish previous learning to realistic simulations and real world scenarios. Brings together all previous course work and applies it to real ambulance operations, medical incident management, rescue awareness and operations, hazardous materials incidents, crime scene awareness, and responding to terrorist attacks. *The student will take ICS 100, 200, 700 and PHTLS and PALS during this course.* (Su)

(PHIL) PHILOSOPHY

- 1103 Introduction to Philosophy** Studies basic problems of philosophy based upon readings in the works of selected leading philosophers. (F, S) **ACTS: PHIL 1103**
- 1203 Honors Forum: Philosophy of Great Ideas** Draws on ideas and texts from both Western and other cultures to examine broad-ranging topics across political, economic, cultural, and disciplinary boundaries. Pre-requisite: Admission into the Fran Coulter Honors Program or by petition to the Honors Committee. (F)
- 2023 World Religions** Surveys the basic tenants of world religions in the context of historical, spiritual, and philosophical development. (D)
- 2203 Honors Forum: Philosophy of Leadership Solutions** Examines different views of global leadership, investigates conflict management, teaching goal setting and

ethical reasoning in tools in defining personal leadership styles, and focuses on service leadership through team building activities. Pre-requisite: Admission into the Fran Coulter Honors Program or by petition to the Honors Committee. (S)

(PHL) PHLEBOTOMY

- 1007 Phlebotomy** Prepares students to collect, transport, handle, and process blood and other specimens for medical laboratory analysis. The curriculum includes classroom instruction and clinical learning experiences. A medical terminology course is recommended, but not required as a pre-requisite. Students who are waiting to enter a health sciences program may want to consider enrollment in this program. (S)

(PHRM) PHARMACOLOGY

- 1103 Introduction of Pharmacology** Examines pharmacological principles essential to the administration of medications, including the calculation of drug doses, legislation relating to drugs, drug forms and classifications. Examines the medications used for disorders of each body system. Covers the classifications, actions, uses, contraindications, safety precautions, adverse reactions, dosage and route, nursing considerations, clients' instruction, and special consideration for selected drugs. (F, S)

(PE) PHYSICAL EDUCATION

- 1002 Concepts of Physical Activity** Provides knowledge and appreciation of the importance of physical activity for lifelong health, wellness, and a quality life. Provides opportunities for psychomotor development. (F, S)
- 1201 Beginning Weight Training I** Introduces the student to cardiovascular and resistance training. Areas include circuit training, weight machines, free weights, cardio machines, safety concerns, stretching, proper warm-up and cool-down. Technique is a major focus. (F, S)
- 1301 Beginning Weight Training II** Continues Beginning Weight Training I. Areas include circuit training, weight machines, free weights, cardio machines, safety concerns, stretching, proper warm-up and cool-down. Technique is a major focus. Pre-requisite: PE 1201. (F, S)

- 1401 Advanced Weight Training I** Continues Beginning Weight Training II. Areas include supersets, interval training, Target Heart Rate Zone, weight machines, free weights, cardio machines, safety concerns, stretching, proper warm-up and cool-down. Technique is a major focus. Pre-requisites: PE 1201 and PE 1301. (F, S)
- 1501 Advanced Weight Training II** Continues Advanced Weight Training I. Areas include supersets, interval training, Target Heart Rate Zone, weight machines, free weights, cardio machines, safety concerns, stretching, proper warm-up and cool-down. Technique is a major focus. Pre-requisites: PE 1201, PE 1301 and PE 1401. (F, S)
- 1601 Tai Chi I** Provides an introduction to the ancient Chinese art of Tai Chi Chuan. With regular practice, Tai Chi provides a means with which to strengthen mind and body, and thereby combat stress and illness. (D)
- 1701 Tae Kwon Do I** Introduction to the fundamentals of Tae Kwon Do. Includes essentials of Tae Kwon Do, personal preparation, and self-defense techniques against an opponent. (D)
- 1851 Yoga I** Instills knowledge and appreciation for the relationship between physical fitness and health. Concentrates on Hatha Yoga, which includes the physical practice of yoga postures linked to the breath, for the purpose of developing strength, balance, flexibility, postural alignment, and mind-body awareness. (F, S)
- 1861 Yoga II** Continuation of PE 1851, Yoga I (which is a pre-requisite) (D)
- 1911 Aerobic Exercise I (Zumba)** Relates the principles and concepts of exercise to the enhancement of cardiovascular development. (F, S)
- 1921 Aerobic Exercise II (Zumba)** Continuation of Aerobic Exercise I (which is a pre-requisite) (D)

(PHYS) PHYSICS

- 1104 Physics for Healthcare Professions** Studies physical laws, principles and associated theories (mechanics, fluid dynamics, optics, electricity and sound); and analyzes the principles of physics from the point of view of their application and relevance to medicine and the human body. Lecture three hours per week, lab two hours per week. Pre-requisite: MATH 1023 with a grade of "C" or better. (D)

- 1201 Physical Science Laboratory** Accompanies PHYS 1203 Physical Science. Pre-requisite or co-requisite: PHYS 1003 Physical Science (Credit for this course is contingent upon earlier or simultaneous completion of PHYS 1203) PHYS 1201 and PHYS 1203 may be taken in lieu of PHYS 1204 (F, S)
- 1203 Physical Science** Develops modern concepts of matter and energy and how this development is related to the social order of which man is a part. (This course does not satisfy science certification for secondary school teachers. It is not accepted as a major requirement in a natural science field. However, elementary education majors must take this course or PHYS 1204 to meet state certification requirements.) Pre-requisite: MATH 0103 or ACT Mathematics score of 17 or above. PHYS 1201 and PHYS 1203 (F, S)
- 1204 Physical Science & Lab** Develops modern concepts of matter and energy and how this development is related to the social order of which man is a part. (This course does not satisfy science certification for secondary school teachers. It is not accepted as a major requirement in a natural science field. However, elementary education majors must take this course to meet state certification requirements.) Lecture three hours, lab two hours per week. Pre-requisite: MATH 0103 with a grade of "C" or better, or ACT Mathematics score of 21 or above. (F, S) **ACTS: PHSC 1004**
- 2054 General Physics I & Laboratory I** Examines the essentials of mechanics, heat, and sound. Lecture three hours per week, lab two hours per week. Pre-requisite: MATH 1023 with a grade of "C" or better. (D) **ACTS: PHYS 2014**
- 2064 General Physics II & Laboratory II** Studies electricity, magnetism, light, and modern physics. Lecture three hours per week, lab two hours per week. Pre-requisite: PHYS 2054 with a grade of "C" or better. (D) **ACTS: PHYS 2024**

(POSC) POLITICAL SCIENCE

- 2103 United States Government** Focuses on the constitution, government, and politics of the United States. (F, S) **ACTS: PLSC 2003**

(PSY) PSYCHOLOGY

- 2513 Introduction to Psychology** Studies important scientific principles of human behavior, with emphasis on their application to personal and social problems. (F, S) **ACTS: PSYC 1103**

- 2633 Child and Adolescent Development** Examines the nature and development of the child and the adolescent, including physical, cognitive, and psychosocial development. Recommended pre-requisite: PSY 2513. (D)
- 2813 Introduction to Abnormal Psychology** Reviews the many facets of abnormal behavior, including causation, therapy, and prevention. Pre-requisite: PSY 2513. (F, S)
- (RN) REGISTERED NURSING**
- 2119 Nursing Theory I** Introduces the LPN/Paramedic to the role of the professional nurse. Explores and develops concepts of caring, clinical judgment, collaboration/teamwork, communication, critical thinking, diversity, ethics, evidence-based practice, healthcare system, holism, informatics, patient-centered care, safety, professionalism, and quality improvement. Reviews and builds upon use of the nursing process and technical skills. Includes disorders of select body systems and mental health conditions. Pre-requisite: Unconditional admission to LPN/Paramedic to R.N Associate Degree Program, Co-requisite: RN 2123 (S)
- 2123 Nursing Practicum I** Emphasis is placed on the application of the nursing process in the provision of direct patient care within a defined scope of practice. Experiences are designed to enhance assessment and technical skills as well as provide the opportunity to develop plans of care, utilize therapeutic communication skills and provide a caring and safe environment for the patient and family throughout the life-span. Opportunities to explore and utilize informatics in the healthcare setting are provided. Co-requisite: RN 2119 (S)
- 2215 Nursing Theory II** Continues the development of concepts of communication, health teaching, professional accountability, ethics, diversity, and clinical judgment. Explores holistic care of the child-bearing family through all stages of pregnancy and postpartum. Includes disorders of select body systems. Pre-requisite: RN 2119, RN 2123, Co-requisite: RN 2221 (SU)
- 2221 Nursing Practicum II** Continued opportunities to apply theoretical knowledge and perform nursing skills are provided through faculty guided learning experiences in acute and/or community based psychiatric health care settings, maternal-newborn care settings, and pediatric care settings. This clinical experience will focus on acute and outpatient treatments for specific populations in health care facilities and in the community by utilizing patient-centered, evidence-based practice. Co-requisite: RN 2215 (SU)

- 2319 Nursing Theory III** Builds on previously acquired knowledge and skills relevant to professional development, including patient-centered care, safety, evidence-based practice, critical thinking, professionalism, and quality improvement. Includes disorders of select body systems. Exploration of job finding strategies, continuing education, leadership, professional nursing association and affiliation, community resources and disaster preparedness are included. Pre-requisite: RN 2215, RN 2221, Co-requisite: RN 2323 (F)
- 2323 Nursing Practicum III** Continued opportunities to apply theoretical knowledge and perform nursing skills are provided through faculty guided learning experiences in acute, critical care and the community. This clinical experience will focus on the care of critically ill patients, moving into the leadership role in health care facilities and in the community by utilizing patient-centered, evidence-based practice. Co-requisite: RN 2319 (F)

(SOC) SOCIOLOGY

- 1023 Introduction to Criminal Justice** Introduces students to the criminal justice system by describing the various agencies of the American criminal justice system and the procedures used to identify and treat criminal offenders. Explores and analyzes the critical issues in criminal justice and their impact on the justice system by focusing on critical policies and issues including shock incarceration, community policing, alternative sentencing, gun control, the war on drug, and the death penalty. (F, S) **ACTS: CRJU 1023**
- 2213 Principles of Sociology** Studies the origin, growth, structure, and function of group life, with emphasis on human socialization, organizations, collective behavior, and institutions. Helps the student understand how social forces affect our lives. (F, S) **ACTS: SOCI 1013**
- 2223 Social Problems** Applies sociological concepts and methods in the analysis of current social problems in the United States, including family and community disorganization, delinquency and crime, mental illness, and intergroup relations. (F, S) **ACTS: SOCI 2013**
- 2233 Introduction to Cultural Anthropology** Introduces the concept of culture. The core concept of the study of culture, and the ethnographic data from our own and

other cultures are organized around three different themes; the impact of culture on human behavior, the interrelationships between the different parts of a culture, and the view of cultures as adaptive systems. (F,S) **ACTS: ANTH 2013**

2243 Introduction to Gerontology Provides an overview of the psychological, sociological, biological, political, and economic aspects of the process of aging. The role of these aspects as determinants of the social capacity and performance of the aging individual are examined. Special emphasis is placed on the impact of aging on auditory performance. (D)

2263 Comparative Religions Examines the historical and philosophical tenets of the world's major religions and the basic beliefs/values of those religions, plus the human condition, spiritually. (D)

(SPEC) SPECIAL TOPICS

Special Topics of study may, upon request, be organized in any academic department to meet the needs of interested groups. All Special Topics courses must be approved through normal curriculum channels. The fourth digit of the course number will show the hours of credit.

(SPCH) SPEECH COMMUNICATION

1203 Oral Communication Develops techniques for effective oral communication through practice in the preparation and presentation of speeches. (F, S) **ACTS: SPCH 1003**

2233 Oral Interpretation Teaches the theory and practice of reading aloud, with emphasis on the emotional and intellectual content of literature for performance: reader's theatre concentration. (D)

2243 Advanced Oral Interpretation Continues Oral Interpretation. Pre-requisite: SPCH 2233. (D)

(SPN) SPANISH

- 1013 Elementary Spanish I** Provides a listening-speaking-reading-writing approach to developing basic language skills. (F) **ACTS: SPAN 1013**
- 1023 Elementary Spanish II** Continues SPN 1013. Pre-requisite: SPN 1013 or consent of instructor. (S) **ACTS: SPAN 1023**
- 2013 Intermediate Spanish I** Further develops basic language skills, with increasing emphasis on the written elements of the language. Pre-requisite: SPN 1023 or consent of instructor. (F) **ACTS: SPAN 2013**
- 2023 Intermediate Spanish II** Continues SPN 2013. Pre-requisite: SPN 2013 or consent of instructor. (S) **ACTS: SPAN 2023**

(SWK) SOCIAL WORK

- 2203 Introduction to Social Work** Emphasizes development and organization of public and private welfare services. (D)

(TECH) TECHNOLOGY

- 1012 Employment Strategies** Prepares students to enter the job market by providing effective strategies for successful job seeking. Directs students in systematically gathering information about employment opportunities and develop appropriate job-search skills. Includes topics of effective resume writing, work ethics and professionalism, effective communication skills, use of the Internet for job searching and creating a favorable first impression. (F,S)
- 1021 Industrial and Shop Safety** Introduces safety concepts in the workplace (based on OSHA 1910-General Industrial Safety). Includes topics of hearing and noise safety, power and hand tool safety, fire prevention and protection, hazardous materials safety, and other safety requirements. (F,S)
- 1032 Blueprints and Layouts** Develops basic skills in reading blueprints and introduces students to a variety of working drawings. Develops skills necessary to interpret sketches and prints common to the metal working field. American Welding Society standard weld symbols are introduced for each basic joint for weldment fabrication. (F,S)

- 1042 Computer Aided Design (CAD)** Introduces CAD 3D fundamental concepts for constructing basic shapes and symbols to creating multi-view drawings. Takes hands-on approach to 3D CAD techniques using the SolidWorks mechanical design automation software to build parametric models of parts and assemblies. Includes techniques to make drawings of those parts and assemblies. (F, S)
- 1504 DC Electronics** Introduces fundamental electrical quantities and the relationships among voltage, current, resistance, and power. Topics include standard, scientific, and engineering notations, resistive circuitry, electrical laws, and theorems. Examines application, the proper use of circuit troubleshooting techniques using analog volt ohm milliammeter (VOM) and digital multimeter (DMM). A grade of "C" or better is required before a student may advance to TECH 1514 AC Electronics. Pre- or co-requisite: MATH 1113 or higher level math course or consent of instructor. (F)
- 1512 Schematics and Mechanical Diagrams** Students are introduced to basic elements and symbols used in a variety of industrial drawings. Covers interpretation of basic shop drawings, conventional symbols, common electrical and electronics symbols, wiring diagrams, hydraulic and pneumatic symbols, schematic drawings, and piping diagrams. Sketching concepts are presented to support student understanding of basic drawing principles. (D)
- 1514 AC Electronics** Introduces the essential concepts of, and computations related to, alternating current electronics. Emphasis placed on AC circuits and theorems, reactive components, phase-shifting, electronic filtering, and the power triangle. Proper operation of the signal generator, dual-trace oscilloscope, and capacitance and inductance meter. Pre-requisite: TECH 1504 DC Electronics. (S)
- 2014 Digital Electronics** Covers basic and combinational gate logic circuitry. Topics include binary, octal, hexadecimal numbering systems and a number of coding systems (BCD, Gray, ASCII). Basic TTL gate circuitry, Truth tables, Boolean algebra, and DeMorgan's theorem will be studied. Application of troubleshooting techniques teaches proper use of the logic probe and logic pulser. Pre-requisite: TECH 1514. (D)
- 2134 Industrial Electronic Devices** Introduces semiconductor-based devices such as general-purpose and special purpose diodes, bipolar junction transistors (BJT's) and field effect transistors (FET's). Emphasis is placed on the theory and operation of rectifiers, small signal amplifiers, DC switching, oscillators, and wave-shaping. Introduces semiconductor device troubleshooting procedures and provides practical application. Pre-requisite: TECH 1514. (D)

- 2144 Industrial Electricity** Studies the use of electricity in the industrial setting. Students are introduced to industrial electricity, electrical power and energy. Students will learn types and methods of wiring, how current is generated and distributed to operate lighting, motors, and other devices. Topics include a review of basic electricity and terminology, wiring methods, AC and DC generators and motors, electrical distribution, lighting and basic industrial electronics. Pre-requisite: TECH 1514. (D)
- 2154 Industrial Mechanical Systems** Covers the role of mechanical components in complex mechatronic systems, the flow of energy in a mechatronic system, calculation of force, accelerations, speed, torque, and basic maintenance and systems-level troubleshooting. Gears, gear drives, chain and sprocket systems, power transmission, pulley drives, synchronous drives, lubrication requirements of mechanical components, and analyzing technical data sheets are also included. Mechanical shafts, couplings and bearings, preventative and predictive maintenance of shafts, couplings, bushings, seals and bearings, and alignment will be covered. Also included are clutches, brakes, linear motion technology, flexible elements and troubleshooting the mechanical components in a complete mechatronic system. Pre-requisite: MATH 1113 (S)
- 2164 Fundamentals of Industrial Maintenance** Covers basic manufacturing and production, basic measurement devices, manufacturing efficiency techniques and industrial supply chain systems. Students will be exposed to simple machines, basic electrical and fluid power systems, basic troubleshooting and problem solving techniques and basic preventive and total productive maintenance. Troubleshooting and problem solving techniques specific to quality control in manufacturing environment. (F)
- 2314 Programmable Logic Controllers** Introduces the programmable logic controller (PLC) and associated applications. Includes numbering systems, basic gate logic, ladder relay logic diagrams, input/output modules, field devices, image tables, PLC programming and troubleshooting. Pre-requisite: TECH 1514 or instructor consent.(D)
- 2424 Hydraulic and Pneumatic Systems** Introduces basic hydraulics and pneumatics from the practical side with minimum emphasis on theory and mathematics. Provides the students with a working understanding of the interaction of components in a basic hydraulic and pneumatic circuit. Covers the principles underlying hydraulics and pneumatics and describes in detail cylinders, tubing, and directional pressure, and flow of control valves.

- 2444 Robotics Technology** Introduces robotics and studies the fundamentals of robotics, programming the robot, industrial applications, the role of the robot in today's manufacturing, electromechanical systems, fluid power systems, fluid power systems, maintenance of robotic systems, sensing systems, end-of-arm tooling, and the future of robotics. Application of digital electronics, PLC programming, hydraulics and pneumatics learned in previous classes extends the students understanding of robot interfacing and vision systems. Pre-requisites: TECH 1042, TECH 1514 and TECH 2424. (D)
- 2863 Principles of Technology** Explores today's engineering and technology fields, as well as the multifaceted role of the technologist. Includes topics of concepts and terminologies used in engineering, applied mathematics, use of the scientific calculator, units and dimensions used in business and industry, and team-work and problem solving techniques. Introduces students to the use of personal computers and computer applications. Lecture with application 3 hours per week. Pre-requisite: MATH 1113. (D)
- 2883 Introduction to Quality Control** Deals with universal principles of quality assurance in a technical environment. Includes topics of mechanics of a quality system, planning a quality information system, quality practice, system elements and controls, and definitions of quality. Lecture three hours per week. (D)

(THEA) THEATRE

- 1213 Acting I** Explores basic theories and techniques of the art of acting. (D)
- 1313 Acting II** Provides advanced study in the theories and techniques of the art of acting. Pre-requisite: THEA 1213 or consent of instructor. (D)
- 2273 Theatre Practicum** Stresses practical application of the principles of theatrical art, covering all facets of play production from pre-rehearsal stages to performance before an audience. Requires students to participate in the production of a play through performance and/or technical work. (D)
- 2503 Fine Arts-Theatre** Introduces theatre arts to students by providing an appreciation of how various artistic elements combine to produce theatrical productions. (F, S) **ACTS: DRAM 1003**

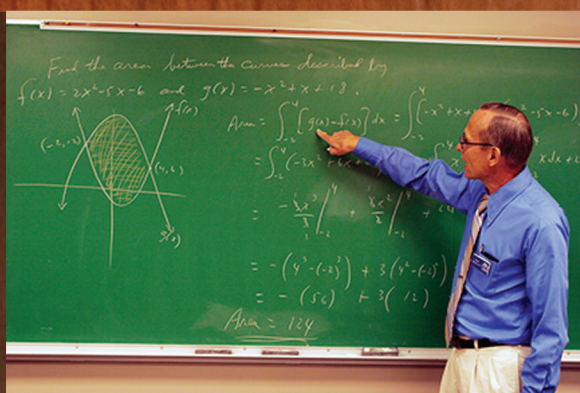
(WELD) WELDING

- 1004 Introduction to Welding, Cutting and Metals** Provides an overview of several welding processes with particular emphasis on shop safety. Provides students the opportunity to learn and practice oxy-acetylene cutting, plasma arc cutting, basic shielded metal arc welding and basic gas metal arc welding techniques. (D)
- 1024 Shielded Metal Arc Welding (SMAW/Stick)** Teaches the basic knowledge required to operate shielded metal arc welding equipment, function safely in the welding shop and develop basic welding techniques. Requires students study welding nomenclature, design of welding joints, electrode classification and practice fillet welds in the flat and horizontal position. . A grade of "C" or better is required before a student may advance to WELD 1134. (F, S)
- 1104 Advanced Shielded Metal Arc Welding** Builds on knowledge and skills gained in WELD 1134 Intermediate Shielded Metal Arc Welding. Provides students with the opportunity to learn and practice root beads, hot pass and cap in the vertical up position using 6010 and 7018 rods. Provides students will have the opportunity to test for AWS D1.1 Welding Certification (extra fee required). Pre-requisites: WELD 1134 Intermediate Shielded Metal Arc Welding or consent of instructor (F, S)
- 1134 Intermediate Shielded Metal Arc Welding** Builds on basic knowledge and skills gained in WELD 1024 Shielded Metal Arc Welding. Provides opportunity for students to gain proficiency by welding in the overhead and vertical up welding positions. A grade of "C" or better is required before a student may advance to WELD 1104 Advanced Shielded Metal Arc Welding. Pre-requisites: WELD 1024 Shielded Metal Arc Welding or consent of instructor.(F, S)
- 1204 Gas Metal Arc Welding** Teaches the basic knowledge and skills required to operate Gas Metal Arc Welding (MIG) equipment, function safely in the welding shop and develop basic MIG welding skills. Provides opportunity for students to study welding nomenclature, design of welding joints and practice fillet welds in the flat and horizontal position. A grade of "C" or better is required before a student may advance to WELD 1234 Intermediate Gas Metal Arc Welding. (F, S)
- 1234 Intermediate Gas Metal Arc Welding** Builds on basic knowledge and skills gained in WELD 1204 Gas Metal Arc Welding. Provides students with the opportunity to gain proficiency by welding in the overhead and vertical welding positions. A grade of "C" or better is required before a student may advance to WELD 1304 Advanced Gas Metal Arc Welding. Pre-requisites: WELD 1204 consent of instructor. (F, S)

- 1304 Advanced Gas Metal Arc Welding** Builds on knowledge and skills gained in WELD 1234 Intermediate Gas Metal Arc Welding. Provides students with the opportunity to learn and practice horizontal welds with dragging technique, vertical up beads, and vertical up with root, fill and cap. Provides students with the opportunity to test for AWS MIG Welding Certification (extra fee required). Pre-requisites: WELD 1234 Intermediate Gas Metal Arc Welding or consent of instructor. (F, S)
- 1404 Gas Tungsten Welding (GTAW/TIG)** Teaches the basic knowledge and skills required to operate Gas Tungsten Arc Welding (TIG) equipment, function safely in the welding shop and develop basic TIG welding techniques. Students study welding nomenclature, design of welding joints and practice welding beads in the flat, horizontal, vertical up, and overhead positions. A grade of "C" or better is required before a student may advance to WELD 1434 Intermediate Gas Tungsten Arc Welding. (F, S)
- 1434 Intermediate Gas Tungsten Arc Welding** Builds on basic knowledge and skills gained in WELD 1404 Gas Tungsten Arc Welding. Students have the opportunity to gain proficiency by learning and practicing root beads, root beads with hot pass and fill and cap on mild steel. A grade of "C" or better is required before a student may advance to WELD 1504 Advanced Gas Tungsten Welding. Pre-requisite: WELD 1404 Gas Tungsten Welding or consent of instructor. (F, S)
- 1504 Advanced Gas Tungsten Welding** Builds on knowledge and skills gained in WELD 1434 (Intermediate Gas Tungsten Arc Welding). Students have the opportunity to learn and practice high frequency TIG welding techniques on aluminum and stainless steel and will practice root beads with stainless steel rods. Students will have the opportunity to test for AWS 17.1 Fusion Welding for Aerospace (extra fee required). Pre-requisite: WELD 1434 Intermediate Gas Tungsten Welding or consent of instructor. (F, S)
- 1604 Metal Fabrication** Covers basic theory and practice of design, layout and fabrication using mild steel, sheet metal or aluminum. Utilizes a variety of different measuring devices. Students will have the opportunity to practice basic blueprint reading skills and will work on an approved welding project. A grade of "C" or better is required before a student may advance to WELD 1704 Advanced Metal Fabrication. (D)
- 1704 Advanced Metal Fabrication** Covers the theory and practice of layout and fit up of structural and piping systems. Students will have the opportunity to learn the process of fabrication of structural and piping systems through a series of competency-based exercises and hands-on projects. Basic blueprint reading skills are required. Pre-requisite: WELD1604 Metal Fabrication or consent of instructor. (D)

- 2024 Certification Welding** Teaches advanced welding techniques to help prepare students to pass American Welding Society welding certification examinations. Pre-requisite: Consent of instructor.(D)
- 2104 Pipe Welding 5G (Horizontal Position)** Develops skills used in the welding of both transmission pipeline and piping systems. Emphasizes skills needed to meet standards of the American Petroleum Institute. Students review root bead, hot pass and cap techniques and learn proper pipe beveling, fitting and tacking methods. A grade of "C" or better is required before a student may advance. Pre-requisites: WELD 1134 Intermediate Shielded Metal Arc Welding or consent of instructor. (D)
- 2114 Pipe Welding 2G (Vertical Position)** Provides students the opportunity to learn and practice root bead, hot pass and cap techniques in the 2G (vertical) position. A grade of "C" or better is required before a student may advance to the next level. Pre-requisites: WELD 1134 Intermediate Shielded Metal Arc Welding or consent of instructor. (D)
- 2124 Pipe Welding 6G (Inclined Position)** Provides students the opportunity to learn and practice root bead, hot pass and cap techniques in the 6G (inclined) position. Pre-requisites: WELD 2104 Pipe Welding 5G, WELD 2114 Pipe Welding 2G or consent of instructor. (D)

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