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 and be aware that they may be required to complete additional lower-division courses to meet specified prerequisite course requirements for their chosen baccalaureate degree program upon Arkansas public university transfer.

ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR ALL FEES AND CHARGES ASSOCIATED WITH THIS DEGREE.

DEGREE PLAN

ASSOCIATE OF APPLIED SCIENCE IN PROGRAMMING/MOBILE DEVELOPMENT

Degree Code: 1182 CIP Code: 11.0202

The Associate of Applied Science in Programming and Mobile Development has been designed to prepare graduates for entry-level employment and advancement in the fields of programming and mobile development. Students receive a solid foundation in the fundamental concepts of programming, including problem solving, logic, program design, and will be exposed to a wide variety of programming and development technologies to provide them with the tools they will need to be successful either in the job market or in furthering their academic careers.

Program Learning Outcomes for Programming/Mobile Development Program

1. Be employable in an entry-level computer programmer or mobile developer position.
2. Apply classroom theory with practical application through job-related experiences.
3. Demonstrate foundational programming skills of organization, logic, analytical thinking, and problem solving.
4. Demonstrate sufficient understanding of various industry-recognized computer programming, object oriented, and scripting languages.
5. Demonstrate an understanding of application architecting, interface design theories, visual constructs and responsive frameworks.

Students completing the general education core at ASUMH will have demonstrated proficiency in the following skills:

6. Applications of Math and the Natural Sciences appropriate to degree or field of study.
7. Composition and Oral Communication.
8. Evaluation of diverse perspectives and cultures through Arts, Humanities, and Social Sciences.
9. Utilization of technology appropriate to degree or field of study.

Name: _____ Date: _____

Advisor: _____ Student ID# _____

COURSE CODE		COURSE NAME	CREDIT HOURS	HOURS COMPLETED
General Education Requirements (15 credit hours)				
CPSI	26393	Microcomputer Business Applications	3	_____
ENGL	10103	Composition I (must earn a "C" or better)	3	_____
ENGL	10203	Composition II (must earn a "C" or better)	3	_____
MATH	10133	Applied Math or higher-level mathematics course	3	_____
Social Science Elective (3 credit hours) (Select 1 course)				
(Choose any three-credit hour course from ECON 21003, GEOG, HIST, PLSC, PSYC, **OR** SOCI)				
ECON	21003	Principles of Macroeconomics **OR** GEOG, HIST, PLSC, PSYC, or SOCI course	3	_____
Business and Computer Core (21 credit hours)				
BUSI	12303	Employment Readiness	3	_____
CPSI	10063	Structured Programming/C Language	3	_____
CPSI	15343	Introduction to Operating Systems	3	_____
CPSI	17503	Programming Fundamentals/Logic	3	_____
CPSI	21233	Linux **OR**		
ITEC	11003	A+ Computer Technician I	3	_____
CPSI	26173	Object Oriented Programming	3	_____
CPSI	27233	Cybersecurity Essentials	3	_____

COURSE CODE		COURSE NAME	CREDIT HOURS	HOURS COMPLETED
Programming Content (24 credit hours)				
BUSI	28330	Principles of Management **OR**		
BUSI	28430	Project Management	3	_____
CPSI	11033	Mobile Development	3	_____
CPSI	21013	App Deployment	3	_____
CPSI	21173	Programming Internship **OR**		
CPSI	28930	CIS Capstone Project	3	_____
CPSI	24043	Visual Frameworks	3	_____
CPSI	26403	.NET	3	_____
CPSI	27063	Back End Programming	3	_____
CPSI	27343	Database Creation/Interaction	3	_____

Program Total 60 Hours