



Arkansas State
UNIVERSITY
MOUNTAIN HOME

2025 – 2026
Catalog Errata

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Date: October 16, 2025

- ADHE placed program on an Inactive Status 06/10/25

TECHNICAL CERTIFICATE PROGRAMS

- Automotive Systems Repair
- Education
- EMS
- Funeral Directing
- General Business
- General Studies
- Health Professions
- Information Systems Technology
- Machining Technology
- Marine Manufacturing
- Mechatronics
- Paramedic Technology
- Practical Nursing
- Pre-Nursing
- Professional Medical Coding
- *Web Development – ADHE placed program on an Inactive Status 06/10/25*
- Welding



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The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2025-2026



TECHNICAL CERTIFICATE PLAN

WEB DEVELOPMENT

Degree Code: 2005; CIP Code: 11.0401

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

A 2.0 GPA is required for graduation from the Technical Certificate in Web Development program.

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

The Technical Certificate in Web Development is designed to prepare students with in-demand skills for entry-level positions in a fast-changing, high-tech workplace.

Student Learning Outcomes for TC Web Development Program

1. Demonstrate foundational programming/software skills of organization, logic, analytical thinking, and problem solving.
2. Develop learning strategies, which combine design thinking and aesthetics with software skills technology to prepare for a career in an ever-changing field.
3. Demonstrate an understanding of application architecting, interface design theories, user interface objects and responsive networks.

In addition to these program-specific outcomes, students will have demonstrated a proficiency in the following general outcomes:

4. Applications of Math and the Natural Sciences appropriate to degree program.
5. Composition and Oral Communication.

Name: _____

Date: _____

Advisor: _____

Student ID# _____

COURSE CODE	COURSE NAME	CREDIT HOURS	HOURS COMPLETED
General Education (6 credit hours)			
ENG 1003	Composition I (must earn a "C" or better)	3	_____
MATH 1113	Mathematics for higher-level mathematics course	3	_____
Web Development (33 credit hours)			
CIS 1013	Programming Fundamentals/Logic	3	_____
CIS/ART 1813	Introduction to Digital Photography/Photoshop	3	_____
CIS 1113	Computer Technician I OR	3	_____
CIS 2563	E-commerce and Web Marketing	3	_____
CIS 2433	Back End Programming	3	_____
CIS 2443	Visual Frameworks OR	3	_____
CIS/ART 2663	Advanced Web Design	3	_____
CIS 2453	Database Creation/Interaction	3	_____
CIS 2503	Microcomputer Business Applications	3	_____
CIS/ART 2623	Web Design	3	_____
CIS Electives (9 credit hours) from any CIS course			
CIS _____	_____		_____
CIS _____	_____		_____
CIS _____	_____		_____
CIS _____	_____		_____
CIS _____	_____		_____

Program Total 39 Hours

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- ADHE placed programs on an Inactive Status 06/10/25

CERTIFICATES OF PROFICIENCY

- A+ Computer Technician
- Automotive Systems Repair
- Certified Nursing Assistant (CNA)
- CISCO Networking
- Commercial Truck Driving
- Criminal Justice
- Emergency Medical Technician
- Graphic Design
- Health Professions
- Machining Technology
- Marine Manufacturing
- Mechatronics (Basic Manufacturing)
- Phlebotomy
- Production Welding
- Professional Medical Coder
- Programming/Mobile Development
- *Web Development – ADHE placed program on an Inactive Status 06/10/25*
- Welding



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The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2025-2026



CERTIFICATE OF PROFICIENCY PLAN WEB DEVELOPMENT

Degree Code: 1347; CIP Code: 11.0801

A 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.

**To earn a Certificate of Proficiency in Web Development,
students must complete the courses below
with a grade of "C" or better.**

**ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR
ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE**

The program of study can be a stand-alone program or part of a technical certificate or associate degree program and is designed to enhance a person's skill set to make him/her more productive and marketable.

Student Learning Outcomes for CP Web Development

1. Demonstrate foundational programming/software skills of organization, logic, and design thinking, and problem solving.
2. Develop learning strategies, which combine design thinking and aesthetic design skills and to be able to prepare for a career in an ever-changing field.
3. Demonstrate an understanding of application architecting, internet system theories, visual design, and responsive frameworks.

Name: _____ Date: _____
Advisor: _____ Student ID# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
Web Development Content (15 credit hours)			
CIS/ART 1803	Digital Photography Workshop (must earn a "C" or better)	3	_____
CIS 243	Book End Program (must earn a "C" or better)	3	_____
CIS 2443	Virtual Frameworks OR (must earn a "C" or better)	3	_____
CIS/ART 2863	Advanced Web Design (must earn a "C" or better)	3	_____
CIS 2563	E-Commerce/Web Marketing (must earn a "C" or better)	3	_____
CIS/ART 2623	Web Design (must earn a "C" or better)	3	_____

Program Total 15 Hours

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- Rotation schedule change

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.



TECHNICAL CERTIFICATE PLAN PARAMEDIC TECHNOLOGY

Degree Code: 4520; CIP Code: 51.0904

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

A 2.0 GPA is required for graduation from the Technical Certificate in Paramedic Technology.

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

Graduates of this program are eligible to apply to the National Registry of EMTs for the Paramedic certificate examination and the Arkansas Department of Health, EMS Division for State licensure. Upon successfully passing the examination and obtaining State licensure the graduate will be eligible to function as a team member within the pre-hospital environment. Visit asumh.edu/ge_par for gainful employment information.

NOTE: Arkansas State Law requires Emergency Medical Technician (EMT) licensure prior to entry into the Paramedic program.

Student Learning Outcomes for Paramedic Technology Program

1. Demonstrate an advanced understanding of integrated 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.
2. Demonstrate personal behaviors consistent with the professionalism and moral standards associated with a pre-hospital provider.
3. Demonstrate understanding of the anatomy and physiology of body systems.

Name: _____ Date: _____
Advisor: _____ Student ID# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
Prerequisites (7 credit hours)			
Biology (4 credit hours) (All body systems must be covered.)			
BIOL 1024	Human Anatomy and Physiology for Healthcare Professions & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: BIOL 1023 and BIOL 1021. OR by successfully completing: BIOL 2004 Human Anatomy and Physiology I & Lab and BIOL 2014 Human Anatomy and Physiology II & Lab.			
HSA 2013	Medical Terminology	3	_____
Paramedic Technology Core (40 credit hours)			
Spring Semester (17 credit hours)			
PAR 1023	Introduction to EMS and Ambulance Operations	3	_____
PAR 1033	Patient Assessment with Lab	3	_____
PAR 1124	Pharmacology and Medication Administration with Lab	4	_____
PAR 1215	Electrocardiogram Interpretation with Lab	5	_____
PAR 1122	Clinical Practicum I	2	_____
Summer Semester (8 credit hours)			
PAR 2204	Paramedic Field Internship Capstone	4	_____
PAR 2412	Review of Clinical and Capstone	2	_____
Fall Semester (15 credit hours)			
PAR 2004	Cardiovascular Emergency Care with Lab	4	_____
PAR 2005	Medical Emergencies with Lab	5	_____
PAR 2014	Trauma Emergencies with Lab	4	_____
PAR 2102	Clinical Practicum II	2	_____

Program Total 45 Hours

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Updated 08-01-25 opt

- Add “or BUS 2833 Principles of Management” or the BUS 2843 Project Management requirement.



2025-2026

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 CYBERSECURITY

Degree Code: 0151 CIP Code: 11.1003

The program is designed for those students seeking career-oriented skills who can identify, assess, and manage cybersecurity threats. The two-year degree prepares students to defend computer operating systems, networks, and data from cyber-attacks.

Student Learning Outcomes for A.A.S. Cybersecurity Program

The Associate of Applied Science in Cybersecurity prepares graduate for entry-level employment and advancement. Students simulate real-world cybersecurity threat scenarios and create opportunities for ethical hacking, security monitoring, analysis and resolution. Students configure and use threat detection tools, perform data analysis and interpret the results to identify vulnerabilities, threats and risks to an organization. The program emphasizes the practical application of the skills needed to maintain and ensure secure operational readiness of systems within an organization.

1. Be employable as an associate security analyst, incident responder, network security analyst, or cybersecurity risk analyst.
2. Implement data confidentiality, integrity, availability and security controls on networks, servers, and applications.
3. Develop security principles and policies that comply with cybersecurity laws.
4. Demonstrate critical thinking, complex problem solving, and collaboration.

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

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

Name: _____

Date: _____

Advisor: _____

Student ID# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
General Education Requirements (18 credit hours)			
BUS 2563	Business Communications	3	_____
CIS 1203	Introduction to Computers	3	_____
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
MATH 1113	Applied Math or higher-level mathematics course	3	_____
POSC 2103	United States Government	3	_____
Business and Computer Core (12 credit hours)			
CIS 1023	Programming Fundamentals/Logic	3	_____
CIS 1103	Networking Concepts	3	_____
CIS 1513	Object-Oriented Programming	3	_____
CIS 2723	Cybersecurity Essentials	3	_____
Cybersecurity Content (30 credit hours)			
BUS 2833	Principles of Management OR	3	_____
BUS 2843	Project Management		
CIS 1106	CISCO Network Academy I	6	_____
CIS 1206	CISCO Network Academy II	6	_____
CIS 2683	Computer Forensics	3	_____
CIS 2463	Linux	3	_____
CIS 2913	Ethical Hacking	3	_____
CRJ 2243	Cybersecurity Law and Ethics	3	_____
POSC 1003	Introduction to International Relations	3	_____

Program Total 60 Hours

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Updated 08-05-25 cgl

- Add “or BUS 2833 Principles of Management” or the BUS 2843 Project Management requirement.



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

2025-2026

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 DIGITAL DESIGN

Degree Code: 0125 CIP Code: 10.0303

The program is designed for those students seeking a two-year degree in Digital Design. Digital Designers combine words and images to create visual messages to inform, persuade, sell, entertain or capture the interest of a specific audience. This is done primarily by designing graphics for print, web and interactive multimedia using a variety of industry standard design software. The ASUMH Digital Design curriculum is flexible to accommodate individual student needs. It covers key aspects of design and visual communication for both print and digital environments. Students will learn in-demand skills and will be prepared for entry-level positions as graphic and web designers for advertising agencies, as in-house designers for various companies, as freelance designers, etc.

Student Learning Outcomes for Digital Design Program

1. Develop an understanding of graphic, web and digital design principles as they pertain to online and printed visual communications.
2. Demonstrate foundational design and communication skills including color theory, typography, compositional layout, information organization, creative thinking, and problem solving.
3. Demonstrate proficiency using industry-standard digital design software, technology and equipment including digital cameras, scanners, photo/video editing, computer illustration, online and time-based media.
4. Develop career skills by combining classroom learning with hands-on design applications while preparing a Professional portfolio in the field of Digital Design.
5. Develop learning strategies, which combine design thinking and aesthetics with software skills and technology to prepare for a career in an ever-changing field.

Students completing the general education core at ASUMH will have demonstrated a 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# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
General Education Requirements (15 credit hours)			
CIS 2503	Microcomputer Business Applications	3	_____
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
MATH 1113	Applied Math	3	_____
Social Science Elective (3 credit hours) (Select 1 course)			
(Choose any three-credit hour course from ECON 2313, GEOG, HIST, POSC, PSY, OR SOC)			
ECON 2313	Principles of Macroeconomics OR GEOG, HIST, POSC, PSY, or SOC course	3	_____
Design Core (36 credit hours)			
BUS 1002	Financial Literacy	2	_____
BUS 2213	Employment Readiness	3	_____
BUS 2513	Fundamentals of Marketing	3	_____
BUS 2833	Principles of Management OR	3	_____
BUS 2843	Project Management	3	_____
CIS/ART 1703	Introduction to Digital Media	3	_____
CIS/ART 1803	Introduction to Digital Photography/Photoshop	3	_____
CIS/ART 2313	Desktop Publishing	3	_____



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Updated 08-05-25 cgl

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
CIS/ART 2003	Topographic Illustration	3	_____
CIS/ART 2353	Design Layout	3	_____
CIS 2563	E-Commerce and Web Marketing	3	_____
CIS/ART 2623	Website Design	3	_____
CIS 2443	Visual Frameworks OR		
CIS/ART 2663	Advanced Website Design	3	_____
CIS 2601	Graphic Internship OR		
CIS 2911	CIS Capstone Project	1	_____

Directed Electives (Choose Any 9 credit hours)

Courses taken to satisfy general education and degree requirements cannot be used to fulfill the elective requirement. Choose 9 credit hours from any ART, BUS, or CIS course not used in the Design Core.

Program Total 60 Hours

- Add “or BUS 2833 Principles of Management” or the BUS 2843 Project Management requirement.



2025-2026

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.

Student 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 a 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# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
General Education Requirements (15 credit hours)			
CIS 2503	Microcomputer Business Applications	3	_____
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
MATH 1113	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 2313, GEOG, HIST, POSC, PSY, OR SOC)			
ECON 2313	Principles of Macroeconomics OR GEOG, HIST, POSC, PSY, or SOC course	3	_____
Business and Computer Core (21 credit hours)			
BUS 2213	Employment Readiness	3	_____
CIS 1023	Programming Fundamentals/Logic	3	_____
CIS 1063	Structured Programming/C Language	3	_____
CIS 1113	A+ Computer Technician I OR	3	_____
CIS 2463	Linux	3	_____
CIS 1503	Introduction to Operating Systems	3	_____
CIS 1513	Object Oriented Programming	3	_____
CIS 2723	Cybersecurity Essentials	3	_____

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Updated 08-05-25 cgt

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
Programming Content (24 credit hours)			
BUS 2833	Principles of Management OR	3	_____
BUS 2843	Project Management		
CIS 1133	Mobile Development	3	_____
CIS 2113	App Deployment	3	_____
CIS 2433	Back End Programming	3	_____
CIS 2443	Visual Frameworks	3	_____
CIS 2453	Database Creation/Interaction	3	_____
CIS 2553	.NET	3	_____
CIS 2903	Programming Internship OR	3	_____
CIS 2893	CIS Capstone Project		
Program Total 60 Hours			



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Updated 08-05-25 cgl

**COMM
2103**

Media Literacy: Navigating Information in the Digital Age Equips students with the skills to analyze, interpret, and question the messages they encounter across print, broadcast, and digital platforms. Through hands-on activities, case studies, and class discussions, students will explore topics such as media bias, misinformation, visual persuasion, advertising strategies, and the role of algorithms in shaping what we see. (S)

Associate of Science in Business

Add additional Student Learning Outcomes (SLOs)

2025-2026



DEGREE PLAN

ASSOCIATE OF SCIENCE IN BUSINESS

Degree Code: 0308; CIP Code: 52.0101

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.

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

Student Learning Outcomes for A.S.B. Program

1. Students will apply principles and concepts necessary for effective business practices.
2. Students will apply accounting and economic principles in decision making.
3. Students will demonstrate the ability to work effectively in collaborative problem solving groups.
4. Students will apply critical thinking skills to solve business problems.

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

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

Name: _____ Date: _____
 Advisor: _____ Student ID# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
General Education Requirements (38 credit hours)			
English/Communication (9 credit hours)			
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
COMM 1203	Oral Communication	3	_____
Mathematics (3 credit hours)			
MATH 1023	College Algebra (Substitutions not permitted)	3	_____
Science (8 credit hours)			
BIOL 1004	Biological Science & Lab	4	_____
This course also fulfills by successfully completing these two course numbers: BIOL 1003 and BIOL 1001.			
PHYS 1204	Physical Science & Lab	4	_____
This course also fulfills by successfully completing these two course numbers: PHYS 1203 and PHYS 1201.			
Fine Arts (3 credit hours) (Select 1 course)			
ART 2503	Fine Arts – Visual, OR	3	_____
MUS 2503	Fine Arts – Music, OR		
THEA 2503	Fine Arts – Theatre		
Humanities (3 credit hours) (Select 1 course)			
ENG 2003	World Literature to 1660, OR	3	_____
ENG 2013	World Literature since 1660		
Social Sciences (12 credit hours)			
HIST 1013	World Civilization to 1660, OR	3	_____
HIST 1023	World Civilization since 1660		
HIST 2763	The United States to 1876, OR	3	_____
HIST 2773	The United States since 1876		
POSC 2103	United States Government	3	_____
SOC 2213	Principles of Sociology	3	_____

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Updated 10-13-25 cgr

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
Business Core (21 credit hours)			
*ACC 2003	Principles of Accounting I	3	_____
*ACC 2013	Principles of Accounting II	3	_____
BUS 2023	Legal Environment of Business	3	_____
*BUS 2113	Business Statistics	3	_____
CIS 2503	Microcomputer Business Applications	3	_____
*ECON 2313	Principles of Macroeconomics	3	_____
*ECON 2323	Principles of Microeconomics	3	_____
Directed Elective (3 credit hours)			
(Choose one three credit hour Directed Elective course from BUS 1013 or BUS 2563 based upon the requirement of the 4-year transfer university.)			
BUS 1013	Introduction to Business, OR (preferred by ATU, UALR, UAM, UAPB, SAU)		
BUS 2563	Business Communications (preferred by ASUJ, HSU, UCA, UAFS)	3	_____

Program Total 62 Hours

*These courses are prerequisites for students planning to complete an ASUJ business or accounting 4-year degree.

Technical Certificate in General Studies

Add additional Student Learning Outcomes (SLOs)

The certificate program gives the student the opportunity to earn a certificate while completing steps toward an Associate degree.



TECHNICAL CERTIFICATE PLAN GENERAL STUDIES

Degree Code: 0915; CIP Code: 24.0101

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

A 2.0 GPA is required for graduation from the Technical Certificate in General Studies program.

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

2025-2026

This program is a one-year award (31 – 32 hours) designed to provide recognition of the completion of a body of general knowledge in general education and to serve as an intermediate step toward an Associate of Arts degree and/or to serve as the first year of a baccalaureate degree.

Student Learning Outcomes for TC General Studies Program

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

1. Applications of Math and the Natural Sciences appropriate to degree or field of study.
2. Composition and Oral Communication.
3. Evaluation of diverse perspectives and cultures through Arts, Humanities and Social Sciences.

Name: _____ Date: _____
Advisor: _____ Student ID# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
General Education Requirements (31 – 32 credit hours)			
Communication (9 credit hours)			
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
COMM 1203	Oral Communication	3	_____
Mathematics (3 credit hours) (Select 1 course)			
MATH 1113	Applied Math OR		
MATH 1023	College Algebra OR		
MATH 1043	Quantitative Reasoning	3	_____
Fine Arts/Humanities (3 credit hours) (Select 1 course)			
ART 2503	Fine Arts – Visual		
MUS 2503	Fine Arts – Music		
THEA 2503	Fine Arts – Theatre		
ENG 2003	World Literature to 1660		
ENG 2013	World Literature since 1660	3	_____
Social Science (3 credit hours) (Select 1 course)			
ECON 2313	Principles of Macroeconomics		
GEOG 2613	Physical Geography		
GEOG 2703	World Geography	3	_____
PSY 2513	Introduction to Psychology		
SOC 2213	Principles of Sociology	3	_____
SOC 2233	Introduction to Cultural Anthropology		
Social Studies (3 credit hours) (Select 1 course)			
HIST 1013	World Civilization to 1660		
HIST 1023	World Civilization since 1660	3	_____
U.S. History/Government (3 credit hours) (Select 1 course)			
HIST 2763	The United States to 1876		
HIST 2773	The United States since 1876		
POSC 2103	United States Government	3	_____

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<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
Science (4 credit hours) (Select 1 course)			
BIOL	1004 Biological Science & Lab This course also fulfilled by successfully completing these two course numbers: BIOL 1003 <u>and</u> BIOL 1001.		
CHEM	1014 General Chemistry I & Lab This course also fulfilled by successfully completing these two course numbers: CHEM 1013 <u>and</u> CHEM 1011.		
PHYS	1204 Physical Science & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 1203 <u>and</u> PHYS 1201.		
PHYS	2054 General Physics I & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 2053 <u>and</u> PHYS 2051.	4	_____
Directed Electives (3 – 4 credit hours) (Choose one course from list which has not already been chosen)			
ART	2503 Fine Arts – Visual		
BIOL	1004 Biological Science & Lab This course also fulfilled by successfully completing these two course numbers: BIOL 1003 <u>and</u> BIOL 1001.		
CHEM	1014 General Chemistry I & Lab This course also fulfilled by successfully completing these two course numbers: CHEM 1013 <u>and</u> CHEM 1011.		
CHEM	1024 General Chemistry II & Lab This course also fulfilled by successfully completing these two course numbers: CHEM 1023 <u>and</u> CHEM 1021.		
ENG	2003 World Literature to 1660		
ENG	2013 World Literature since 1660		
MATH	1033 Plane Trigonometry		
MATH	2204 Calculus I		
MUS	2503 Fine Arts – Music		
PHYS	1204 Physical Science & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 1203 <u>and</u> PHYS 1201.		
PHYS	2054 General Physics I & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 2053 <u>and</u> PHYS 2051.		
PHYS	2064 General Physics II & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 2063 <u>and</u> PHYS 2061.		
PSY	2513 Introduction to Psychology		
SOC	2213 Principles of Sociology		
THEA	2503 Fine Arts – Theatre	3 – 4	_____
Program Total 31 – 32 Hours			

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Technical Certificate in Machining

Add additional Student Learning Outcomes (SLOs)

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.



TECHNICAL CERTIFICATE PLAN

MACHINING TECHNOLOGY

Degree Code: 1495; CIP Code: 48.0510

All technical certificate-seeking students must meet the

freshman assessment and placement requirements.

If deficiencies exist, the student must complete the required CPT courses.

A 2.0 GPA is required for graduation from the

Technical Certificate in Machining Technology program.

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

2025-2026

Machinists are precision instrument makers who fabricate, modify, or repair mechanical instruments. They may also fabricate and modify parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, mathematics, metal properties, layout, and machining procedures.

Student Learning Outcomes for TC Machining Technology Program

1. Identify the different types of metal between Steel, Aluminum, Copper, Brass and Stainless Steel.
2. Demonstrate proficiency with precision measurement tools.
3. Exhibit ability to select, maintain, and utilize manual machining equipment.
4. Demonstrate proficiency setting tool and work offsets for various CNC operations.
5. Demonstrate understanding of g-code.
6. Exhibit competency in the setup and operation of CNC machines.
7. Demonstrate ability to read and understand basic engineering drawings.

In addition to these program-specific outcomes, students will have demonstrated a proficiency in the following general outcomes:

8. Composition and Oral Communication.
9. Utilization of technology appropriate to degree or field of study.

Name: _____		Date: _____	
Advisor: _____		Student ID# _____	
<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
General Education (3 credit hours)			
CIS 1053	Computer Essentials	3	_____
ENG 1003	Composition I (must earn a "C" or better) OR		_____
ENG 1103	Career Writing (must earn a "C" or better)	3	_____
Machining Core (32 credit hours)			
MACH 1002	Metallurgy	2	_____
MACH 1004	Introduction to Machining	4	_____
MACH 2004	Machining I	4	_____
MACH 2014	Machining II	4	_____
MACH 2018	CNC Set-up, Operations and Programming	8	_____
TECH 1012	Employment Strategies	2	_____
TECH 1044	Computer Aided Design (CAD)	4	_____
TECH 2154	Industrial Mechanical Systems	4	_____
Program Total 38 Hours			

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Updated 10-13-25 ug

Certificate of Proficiency in Machining

Add additional Student Learning Outcomes (SLOs)

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.



CERTIFICATE OF PROFICIENCY PLAN MACHINING TECHNOLOGY

Degree Code: 1492; CIP Code: 48.0510

A 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.

To earn a Certificate of Proficiency in Machining Technology, students must complete the courses below with a grade of "C" or better.

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

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.

Student Learning Outcomes for CP Machining Technology Program

1. Identify the different types of metal between Steel, Aluminum, Copper, Brass and Stainless Steel.
2. Demonstrate proficiency with precision measurement tools.
3. Exhibit ability to select, maintain, and utilize manual machining equipment.

Name: _____ Date: _____
 Advisor: _____ Student ID# _____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
Machining Content (14 credit hours)			
MACH 1002	Metallurgy (must earn a "C" or better)	2	_____
MACH 1004	Introduction to Machining (must earn a "C" or better)	4	_____
MACH 2004	Machining I (must earn a "C" or better)	4	_____
MACH 2014	Machining II (must earn a "C" or better)	4	_____

Program Total 14 Hours

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