

Computer Information Systems Technology

Associate of Applied Science (A.A.S.)

Transfer Options

- Arkansas State University-Jonesboro
 - BAS Organizational Supervision
- Columbia Southern University
 - BS Information Technology
- Oklahoma State University Institute of Technology
 - Bachelor of Technology Applied Technical Leadership
- University of Arkansas-Fort Smith
 - Bachelor of Applied Science

With the importance of computers in the workplace and the emphasis on more sophisticated technologies, qualified computer technology people are in high demand. This degree program will help students develop the skills needed to obtain a job in computer technology. Students will learn how to install, configure, and maintain personal computer workstations. The degree will give students a foundation for pursuing CompTIA A+, Network+, Security+, Microsoft MCSA, and Arcitura Cloud Certified Professional (CCP) certifications that can offer students the greatest employment potential. Graduates should be prepared for entry-level employment in a variety of IT positions.

Program Goals

1. Provide students the opportunity to acquire the adequate knowledge required at the organization level to work in the field of information technology.
2. Provide students with the current and latest technological knowledge related to hardware and software, as per the industry standards.

Program Learning Outcomes (PLOs)

- PLO 1. Demonstrate knowledge related to hardware and software in the constantly evolving computer science field.
- PLO 2. Demonstrate basic understanding of programming languages to successfully create software related to requirement in the industry.
- PLO 3. Demonstrate adequate knowledge to perform troubleshooting and resolve issues arising in any networking environment related to computers.
- PLO 4. Demonstrate skills required to handle client issues in the process of software development.
- PLO 5. Demonstrate knowledge, as per the industry standard, for creating and updating web-based applications and sites.
- PLO 6. Demonstrate knowledge in the field of network security to preserve and save critical information at industry level.



**DEGREE PLAN
2021-2022**

Developmental Coursework

Course Number	Course Title	Required	Enrolled	Completed
ENGL 0121	Composition I Lab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MATH 0121	College Algebra Lab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Semester I (15 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
^{1,6,7} CS 1404	N/A	Programming I	<input type="checkbox"/>	<input type="checkbox"/>
^{1,2,3} CS 2084	N/A	A+ Essentials*	<input type="checkbox"/>	<input type="checkbox"/>
¹ MATH 1023	MATH 1103	College Algebra [P1]	<input type="checkbox"/>	<input type="checkbox"/>
¹ MIS 1003	CPSI 1003	Introduction to Computers	<input type="checkbox"/>	<input type="checkbox"/>
GSTD 1021	N/A	Student Success I	<input type="checkbox"/>	<input type="checkbox"/>

*CompTIA A+ Exam and CompTIA A+ Exam 220-1002 taken.

Semester II (15 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
¹ ENGL 1113	ENGL 1013	Composition I [P1]	<input type="checkbox"/>	<input type="checkbox"/>
^{1,6} CS 2124	N/A	Programming II [P4]	<input type="checkbox"/>	<input type="checkbox"/>
^{1,3,4,5,8} NT 1013	N/A	Supporting Network Clients*	<input type="checkbox"/>	<input type="checkbox"/>
^{1,2,3} CS 2094	N/A	A+ Practical Applications [P5]	<input type="checkbox"/>	<input type="checkbox"/>
GSTD 1031	N/A	Student Success II	<input type="checkbox"/>	<input type="checkbox"/>

*MS 365: Modern Desktop Administrator Associate (MD 100 and MD 101) exam taken.

Semester III (14 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
CO 2213	ENGL 2023	Technical Writing [P2]	<input type="checkbox"/>	<input type="checkbox"/>
^{1,3,4,5,8} NT 1113	N/A	Support Network Servers [P3]	<input type="checkbox"/>	<input type="checkbox"/>
^{1,7} CS 2024	N/A	Web Development	<input type="checkbox"/>	<input type="checkbox"/>
^{6,7} CS 2313	N/A	Linux/Unix Operating System	<input type="checkbox"/>	<input type="checkbox"/>
GSTD 1041	N/A	Student Success III	<input type="checkbox"/>	<input type="checkbox"/>

Semester IV (16 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
CE 2403	N/A	Internship*	<input type="checkbox"/>	<input type="checkbox"/>
⁸ CS 2283	N/A	Cloud Computing	<input type="checkbox"/>	<input type="checkbox"/>
⁹ NT 2444	N/A	Network+**	<input type="checkbox"/>	<input type="checkbox"/>
Choose three (3) hours from these courses:				
CS 2343	N/A	<input type="checkbox"/> Cybersecurity Essentials	<input type="checkbox"/>	<input type="checkbox"/>
CS 2453	NA	<input type="checkbox"/> Ethical Hacking		
¹ Choose three (3) hours from these courses:				
ECON 2003	ECON 2103	<input type="checkbox"/> Principles of Macroeconomics [P6]	<input type="checkbox"/>	<input type="checkbox"/>
ECON 2103	ECON 2203	<input type="checkbox"/> Principles of Microeconomics [P6]		

*Students not enrolled in CE2403 are required to take CS2343 and CS2453 to satisfy degree requirement.

**CompTIA Network+ (N10-007) exam taken.

Total Credit Hours: 60

General Information

- Developmental coursework may be required in addition to the courses required for this degree and/or certificate(s).
- A [P] indicates that a prerequisite is required before the course can be taken. Refer to the prerequisites table listed below the degree plan or the course description in the College Catalog to determine the prerequisite.

General Requirements

- This degree requires successful completion of **60** credit hours.
- All degree-seeking students are required to take Student Success.
- A minimum 2.00 cumulative grade point average is required for graduation.

Residency Requirement

The student is required to complete a minimum of 15 semester hours in residence at SAU Tech for associate degrees and technical certificates and half of the credit hours required for certificates of proficiency as well as complete all other graduation requirements. Students who wish to pursue additional degrees must complete a minimum of 15 credit hours of difference between the degrees.

ACTS Course Numbers

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and equitable treatment in the application of credits for admissions and degree requirements. Go to <http://acts.adhe.edu> for more information.

¹ Indicates Technical Certificate in Computer Information Technology (35 hours) .
² Indicates Certificate of Proficiency in A+ Certification (8 hours) .
³ Indicates Certificate of Proficiency in Computer Repair (14 hours) .
⁴ Indicates Certificate of Proficiency in Microsoft Operating Systems (6 hours) .
⁵ Indicates Certificate of Proficiency in Networking (10 hours) .
⁶ Indicates Certificate of Proficiency in Computer Programming (11 hours) .
⁷ Indicates Certificate of Proficiency in Web Technology (11 hours) .
⁸ Indicates Certificate of Proficiency in Cloud Computing (9 hours) .

PREREQUISITES

P1	Refer to SAU Tech Placement Plan.
P2	ENGL 1113-Composition I.
P3	NT 1013-Support Network Clients.
P4	CS 1404-Programming I.
P5	CS 2084-A+ Essentials.
P6	MATH 1023 OR MATH 1063.