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.

Developmental Coursework

Course Number	Course Title	Required	Enrolled	Completed
ENGL 0121	Composition I Lab	☐	☐	☐
MATH 0121	College Algebra Lab	☐	☐	☐

Semester I (15 hours)

Course Number	ACTS#	Course Title	Enrolled	Completed
[1,6,7]CS 1404	N/A	Programming I	☐	☐
[1,2,3]CS 2084	N/A	A+ Essentials*	☐	☐
[1]MATH 1023	MATH 1103	College Algebra [P1]	☐	☐
[1]MIS 1003	CPSI 1003	Introduction to Computers	☐	☐
GSTD 1021	N/A	Student Success I	☐	☐

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]	☐	☐
[1,6]CS 2124	N/A	Programming II [P4]	☐	☐
[1,3,4,5,8]NT 1013	N/A	Supporting Network Clients*	☐	☐
[1,2,3]CS 2094	N/A	A+ Practical Applications [P5]	☐	☐
GSTD 1031	N/A	Student Success II	☐	☐

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]	☐	☐
[1,3,4,5,8]NT 1113	N/A	Support Network Servers [P3]	☐	☐
[1,7]CS 2024	N/A	Web Development	☐	☐
[6,7]CS 2313	N/A	Linux/Unix Operating System	☐	☐
GSTD 1041	N/A	Student Success III	☐	☐

Semester IV (16 hours)

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

[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.