



Associate of Applied Science in Information Technology

2026-2027 Catalog

Program Overview

The Associate of Applied Science in Information Technology prepares students for careers in the technology industry by developing skills in computer systems, programming, networking, cybersecurity, databases, and technical support. Through hands-on learning experiences and stackable credentials, students gain the knowledge and practical skills needed to install, maintain, secure, and troubleshoot technology systems while demonstrating professional and ethical practices. Graduates are prepared for entry-level employment in a variety of information technology fields or for continued education.

- Total Credit Hours Required: 62
- Program Length: 2 years
- Delivery Format: Face-to-Face and Online
- Credentials Awarded: Associate of Applied Science in Information Technology
- ADHE Degree Code: 0355

Fall Term 1

Course ID	Course Name	Credit Hours	Notes
CPSI 10003	Intro to Computers	3	*Pre-Req Foundations of Composition
ITEC 15003	Intro to Web Design	3	
CPSI 17503	Programming I	3	
ENGL 10103	Composition I	3	
CSEC 11203	Cybersecurity I	3	
	Term Total	15	

Spring Term 1

Course ID	Course Name	Credit Hours	Notes
ENGL 10203 ENGL 20203	Composition II or Technical Writing	3	
MATH 11103 MATH 11003	Quantitative Literacy or College Algebra	3	
CSEC 12203	Cybersecurity II	3	*Pre-Req "C" or better Cybersecurity I
ITEC 12033	Ethics in Technology	3	Online
ITEC 12303	Intro to Graphic Design	3	
	Term Total	15	

Fall Term 2

Course ID	Course Name	Credit Hours	Notes
ITEC 18004	Computer Maintenance I	4	
ITEC 21033	Application Programming	3	
CPSI 28203	Operating Systems	3	
SPCH 10003	Principles of Speech	3	
HIST 21103 HIST 21203	U.S. History I or U.S. History II	3	
	Term Total	16	

Spring Term 2

Course ID	Course Name	Credit Hours	Notes
ITEC 18104	Computer Maintenance II	4	*Pre-Req "C" or better Computer Maintenance I
ITEC 23033	Networking Essentials	3	
ITEC 22403	Database Management	3	*Pre-Req "C" or better Intro to Computers
CSEC 21003	Network Security	3	
PSCI 20003	American Government	3	
	Term Total	16	

Arkansas Course Transfer System (ACTS)

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Courses not having an ACTS number may also transfer. Please consult the receiving institution for complete transfer information. To review the Arkansas Course Transfer System, visit <https://adhe.edu/students-parents/transfer-info-for-students>.

Stackable Credentials

Coding, Certificate of Proficiency (1 semester)

ADHE Degree Code: 0155

Course ID	Course Name	Credit Hours	Notes
CPSI 17503	Programming I	3	Fall
ITEC 15003	Intro to Web Design	3	Fall
ITEC 21033	Application Programming	3	Fall
	Total Credit Hours for Certificate of Proficiency	9	

IT Technician, Certificate of Proficiency (1 year)

ADHE Degree Code: 0681

Course ID	Course Name	Credit Hours	Notes
ITEC 18004	Computer Maintenance I	4	Fall
ITEC 18104	Computer Maintenance II	4	Spring
	Total Credit Hours for Certificate of Proficiency	8	

IT, Technical Certificate (1 ½ years)

ADHE Degree Code: 1155

For Technical Certificate students will complete the above Certificate of Proficiency Coding and IT Technician courses (17 credit hours) plus the following courses.

Course ID	Course Name	Credit Hours	Notes
ITEC 12303	Intro to Graphic Design	3	Spring
ITEC 12033	Ethics in Technology	3	Spring
CPSI 28203	Operating Systems	3	Fall
	Total Credit Hours for Technical Certificate	26	

Cybersecurity, Certificate of Proficiency (1 year)

ADHE Degree Code: 1335

Course ID	Course Name	Credit Hours	Notes
CPSI 17503	Programming I	3	Fall
CSEC 11203	Cybersecurity I	3	Fall
CSEC 12203	Cybersecurity II	3	Spring
CSEC 21003	Network Security	3	Fall
	Total Credit Hours for Certificate of Proficiency	12	

Information Technology, Associate of Applied Science (2 years)

ADHE Degree Code: 0355

AAS students will complete the above Certificate of Proficiency courses and Technical Certificate courses (35 credit hours) plus the following courses.

Course ID	Course Name	Credit Hours	Notes
SPCH 10003	Principles of Speech	3	
ITEC 23033	Networking Essentials	3	
ITEC 22403	Database Management	3	
ENGL 10103	Composition I	3	
ENGL 10203 ENGL 20203	Composition II or Technical Writing	3	
MATH 11103 MATH 11003	Quantitative Literacy or College Algebra	3	
PLSC 20003	American Government	3	
HIST 21103 HIST 21203	U.S. History I or U.S. History II	3	
CPSI 10003	Intro to Computers	3	
	Total Credit Hours for AAS Information Technology	62	