



Associate of Applied Science
Computer Science Technology (0CYY)

Category III
Bachelor of Science
Information Technology, Software Development, and Coding,
General Track

The Bachelor of Science in Information Technology, Software Development, and Coding requires completion of 120 credits. The Program Guide below outlines how courses completed in the Associate of Applied Science in Computer Science Technology program through the Community College of the Air Force may apply to required ECPI courses. ECPI University must receive official transcripts directly from Air University before Official credit may be awarded. ECPI University will review all credits earned through the Community College of the Air Force (CCAF) to apply the greatest possible number of credits to one of our approved AU-ABC bachelor's degrees. As a Category III institution, ECPI will require CCAF AAS graduates to complete more than 60 semester hours of credit beyond the AAS and meet all other AU-ABC degree program requirements. Credit is awarded for courses completed within the last ten years that meet the required credit amount for the corresponding ECPI course listed. General education coursework applied to the earned AAS degree may be eligible to transfer without a time limitation and must meet all other ECPI transfer eligibility criteria to be awarded. ECPI University must receive official transcripts directly from the institution where the general education coursework was completed before Official credit may be awarded. This information is provided as a guide, an official course-by-course evaluation of specific transfer credit will be completed at the applicant's campus location at the time of enrollment.

Arts and Sciences Curriculum (31 Credits Required)

ECPI Degree Requirements		Required Semester Credits	Arts and Sciences Credits**	ECPI University Credits
		31	12-15	16-19
ENG110	College Composition	3	3	
ENG120	Advanced Composition	3		3
COM115	Principles of Communication	3	3	
MTH131	College Algebra	3	3*	
MTH140	Statistics	3		3
PHY120	Physics	3		3
PHY120L	Physics LAB	1		1
PSY105	Introduction to Psychology	3		3
SOC100	Introduction to Sociology	3	3	
HUM205	Culture and Diversity: Exploring the Humanities	3	3	
CAP480	Arts and Sciences Capstone	3		3

*Must be College Algebra (3 credits) or higher level math to receive transfer

**Arts and Sciences coursework applied to the earned AAS degree must meet all other ECPI transfer eligibility criteria to be awarded. ECPI University must receive official transcripts directly from the institution where the arts and sciences coursework was completed before Official credit may be awarded.

Self-Integration (10 Credits Required)

ECPI Degree Requirements		Required Semester Credits	CCAF Credits***	ECPI University Credits
		10	3	7
FOR110	Essentials for Success	3		3
CST140	Introduction to Operating Systems	3	3	
CST100	Introduction to Computing	3		3
COR191	Career Orientation	1		1

Core Curriculum (65 Credits Required)

ECPI Degree Requirements		Required Semester Credits	CCAF Credits***	ECPI University Credits
		65	13	52
CST120	Computer Configuration I	3	3	
CST160	Introduction to Networking	3	3	
CST200	Linux Administration	3		3
SDC100	Introduction to Programming	3		3
SDC100L	Introduction to Programming LAB	1		1
SDC200	Introduction to Databases	3	3	
SDC205	Python for Data Analytics	3		3
SDC205L	Python for Data Analytics LAB	1		1
SDC220 OR SDC230	Object-Oriented Programming Using C# OR Object-Oriented Programming Using Java	3		3
SDC220L OR SDC230L	Object-Oriented Programming Using C# LAB OR Object-Oriented Programming Using Java LAB	1		1
SDC250	Structured Query Language	3	3	
SDC250L	Structured Query Language LAB	1	1	

SDC255	Introduction to Agile and Scrum Methodologies	3		3
SDC260	Web Interface Design	3		3
SDC310	Server-Side Scripting with PHP	3		3
SDC310L	Server-Side Scripting with PHP LAB	1		1
SDC320 OR SDC330	Adv Object-Oriented Programming Using C# OR Adv Object-Oriented Programming Using Java Adv Object-Oriented Programming Using C# LAB OR	3		3
SDC320L OR SDC330L	Adv Object-Oriented Programming Using Java LAB	1		1
SDC340	Mobile App Development	3		3
SDC355	Javascript	3		3
SDC345	Interface Design I	3		3
SDC345L	Interface Design LAB	1		1
SDC420	System Analysis & Design	3		3
SDC435	Advanced Databases	3		3
SDC435L	Advanced Databases LAB	1		1
SDC470	Cloud Native Application Development	3		3
SDC480 OR SDC490	Software Development Capstone OR Software Development Externship	3		3

Electives (14 Credits Required)

ECPI Degree Requirements		Required Semester Credits	CCAF Credits***	ECPI University Credits
		14	0-14	0-14
SDCELE	Elective	14	0-14	0-14
		Total Credits Required	Potential CCAF Transfer Credits ***	ECPI University Credits
		120	28 - 45	75 - 92

***The number of credits eligible to transfer as Core and Elective Courses at ECPI may vary depending on which courses and credits were taken as part of the applicant's CCAF AAS Technical Core and Electives. This information is provided as a guide, an official course-by-course evaluation of specific transfer credit will be completed at the applicant's campus location at the time of enrollment.