



Associate of Applied Science  
Cybersecurity (OCYC)

Category III  
Bachelor of Science  
Information and Cybersecurity Operations, General Track

The Bachelor of Science in Information and Cybersecurity Operations requires completion of 120 credits. The Program Guide below outlines how courses completed in the Associate of Applied Science in Cybersecurity 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
		<b>31</b>	<b>12-15</b>	<b>16-19</b>
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
		<b>10</b>	<b>3</b>	<b>7</b>
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
		<b>65</b>	<b>19</b>	<b>46</b>
CST120	Computer Configuration I	3	3	
CYB120	Introduction to Python Programming	3	3	
CYB120L	Introduction to Python Programming Lab	1	1	
CST160	Introduction to Networking	3	3	
CST200	Linux Administration	3	3	
CYB200	Network Protocols and Services	3	3	
CYB220	Introduction to Routing & Switching	3		3
CYB220L	Introduction to Routing & Switching Lab	1		1
CYB240	Windows Client & Server	3		3
CYB240L	Windows Client & Server Lab	1		1
CYB250	Principles of Cybersecurity	3	3	
CYB260	Introduction to Cloud Solutions	3		3
CYB260L	Introduction to Cloud Solutions Lab	1		1
CYB280	Microsoft 365 Administration	3		3
CYB300	Advanced Cybersecurity	3		3
CYB300L	Advanced Cybersecurity Lab	1		1
CYB310	Introduction to Data Handling	3		3
CYB320	Intermediate Routing & Switching	3		3

CYB330L	Network Routing & Switching Lab	1		1
CYB350	Introduction to DevOps & Project Management	3		3
CYB360	Advanced Windows Server	3		3
CYB360L	Advanced Windows Server Lab	1		1
CYB340	Advanced Linux Administration	3		3
CYB340L	Advanced Linux Administration Lab	1		1
CYB380	Network Scripting	3		3
CYB440	AI/Machine Learning	3		3
CYB495 OR CYB490	Information and Cybersecurity Capstone OR Information and Cybersecurity Externship	3		3

**Electives (14 Credits Required)**

<b>ECPI Degree Requirements</b>		<b>Required Semester Credits</b>	<b>CCAF Credits***</b>	<b>ECPI University Credits</b>
		<b>14</b>	<b>0-14</b>	<b>0-14</b>
CYBELE	Elective	14	0-14	0-14
		<b>Total Credits Required</b>	<b>Potential CCAF Transfer Credits ***</b>	<b>ECPI University Credits</b>
		<b>120</b>	<b>34 - 51</b>	<b>69 - 86</b>

\*\*\*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.