



Category III

Associate of Applied Science  
Information Systems Technology (OIYY)

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 Information Systems 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 |
|--------------------------|---|---------------------------|-----------------------------|-------------------------|
|                          |   | <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<br>CYB490 | Information and Cybersecurity Capstone OR<br>Information and Cybersecurity Externship | 3 |  | 3 |

**Electives (14 Credits Required)**

| ECPI Degree Requirements |          | Required Semester Credits | CCAF Credits***                     | ECPI University Credits |
|--------------------------|----------|---------------------------|-------------------------------------|-------------------------|
|                          |          | <b>14</b>                 | <b>0-14</b>                         | <b>0-14</b>             |
| CYBELE                   | Elective | 14                        | 0-14                                | 0-14                    |
|                          |          | Total Credits Required    | Potential CCAF Transfer Credits *** | ECPI University Credits |
|                          |          | <b>120</b>                | <b>34 - 48</b>                      | <b>72 - 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.