

| PROGRAM ARTICULATION DEGREE PLAN | | | | | |
|--|---|-----------|--|---|-----|
| Southwestern Illinois College AAS Cybersecurity & Networking - 62 Hours | | 2022-2023 | Southern Illinois University Carbondale BS - Information Technology (ITEC) -120 Hours | | |
| | | Hrs | UCC Capstone Option - 30 Hrs | | Hrs |
| | | | UNIV 101 | Saluki Success | NA |
| COMM 151 | Fund of Public Speaking | 3 | CMST 101 | Intro Oral Communication | T |
| ENG 101 | Rhetoric & Composition I | 3 | ENGL 101 | English Composition I | T |
| | | | ENGL 102 | English Composition II | NA |
| MATH 112 | College Algebra | 4 | MATH 108 | College Algebra | T |
| SOC 153 | Introductory Sociology | 3 | SOC 108 | Intro to Sociology | T |
| | | | ECON 113 | Economics of Contemporary Social Issues | 3 |
| | | | HUMANITIES | | NA |
| PHIL 151 -or- 152 | Introductory Logic -or- Ethics | 3 | PHIL 105 -or- 104 | Elementary Logic -or- Ethics | T |
| | | | PHYSICAL SCIENCE | | 3 |
| | | | LIFE SCIENCE | | 3 |
| | | | FINE ARTS | | 3 |
| | Human Well-Being Elective | 2 | HUMAN HEALTH | See SIUC Transfer Equivalency Guide | T |
| | | | MULTICULTURAL | | 3 |
| | | 18 | | | 15 |
| Program Requirements | | | Program Requirements | | |
| AOJ 258 | Computer Forensics & Cyber Crime | 3 | Any unarticulated courses will be used to satisfy general elective credit | | |
| CISC 106 | Intro to Cybersecurity | 1 | | | |
| CISC 163 | Cisco Switching & Routing | 4 | | | |
| CISC 164 | Cisco Enterprise Networking | 4 | | | |
| CISC 201 | Cisco Security | 4 | | | |
| Approved Networking Elective* | | 3 | | | |
| CISC 116 -and- NETW 271 | Cisco Cybersecurity Essentials -and- Network Security | 5 | ITEC 216 | Information Security Fundamentals | T |
| CISC 161 -and- NETW 101 | Cisco Networking Fundamentals -and- Intro to Networking | 7 | ITEC 224 | Network Fundamentals | T |
| CISC 162 | Cisco Network Communication | 4 | ITEC 1XX | ITEC Elective 100-level | T |
| NETW 188 | Windows Server I | 3 | ITEC 1XX | ITEC Elective 100-level | T |
| NETW 211 | Digital Forensics | 3 | ITEC 1XX | ITEC Elective 100-level | T |
| NETW 231 | Ethical Hacking | 3 | ITEC 228 (elective) | Intro to Cyber Operations | T |
| | | 44 | | | |
| | | | ITEC 209 | Intro to Programming | 3 |
| | | | ITEC 225 | Operating Systems | 3 |
| | | | ITEC 235 | System Administration | 3 |
| | | | ITEC 236 | Web-based Applications in Information Technology | 3 |
| | | | ITEC 265 | Applied Statistics for the IT Profession | 3 |
| | | | ITEC 280 | Discrete Math for IT | 3 |
| | | | ITEC 312 | Programming II | 3 |
| | | | ITEC 314 | Ethical & Legal Issues in IT | 3 |
| | | | ITEC 334 | Database Design & Processing | 3 |
| | | | ITEC 370 | Database Programming with SQL | 3 |
| | | | ITEC 380 | User Experience Design | 3 |
| | | | ITEC 390 | Career Development for IT Professionals | 3 |
| | | | ITEC 404 | Information Technology Project Management | 3 |
| | | | ITEC 412 | Information Technology: Analysis, Design & Implementation | 3 |
| | | | ITEC 495 | Senior Project I | 3 |
| *If CIS 180 is taken, it equates to SIUC's ITEC 209 and would reduce overall hours to 134. | | | ITEC Major Electives | Must be at 300/400 level | 15 |
| | | | | | 60 |
| Total semester hrs completed w/AAS degree: | | 62 | Total semester hrs completed w/BS degree: | | 75 |
| | | | Total hrs to BS degree: | | 137 |

Degree Plan updated on 2/10/23 by SG