

| PROGRAM ARTICULATION DEGREE PLAN | | | | | |
|--|--|--|--|---|------------|
| Shawnee Community College 2022-2023 | | Southern Illinois University Carbondale | | | |
| AAS Computer System & Security Specialist - 65 hours | | BS Information Technology (ITEC) - 120 hours | | | |
| | | (UCC) CAPSTONE OPTION - 30 hrs | | | |
| | | Hrs | | | Hrs |
| | | | UNIV 101 | Saluki Success | NA |
| SPC 111 | Speech | 3 | CMST 101 | Intro to Oral Communication | T |
| ENG 111 | English Composition I | 3 | ENGL 101 | English Composition I | T |
| | | | ENGL 102 | English Composition II | NA |
| MAT 110 -or- MAT 210 | General Ed Math -or- General Elem Stats | 4 | MATH 101 -or- MATH 282 | Intro to Contemporary Math -or- Intro to Statistics | T |
| ECO 211 -or- ECO 212 | Intro to Macroecon -or- Intro to Microecon | 3 | ECON 241 -or- ECON 240 | Intro to Macroeconomics -or- Intro to Microeconomics | T |
| PSY 211 | Intro to Psychology | 3 | PSYC 102 | Intro to Psychology | T |
| | | | PHIL 104 -or- PHIL 105 | Ethics -or- Elementary Logic | 3 |
| | | | HUMANITIES | | NA |
| | | | PHYSICAL SCIENCE | | 3 |
| | | | LIFE SCIENCE | | 3 |
| | | | FINE ARTS | | 3 |
| | | | HUMAN HEALTH | | NA |
| | | | MULTICULTURAL | | 3 |
| | | 16 | | | 15 |
| Program Requirements | | | Program Requirements | | |
| BUS 210 | Principles of Management | 3 | Any unarticulated courses will be used to satisfy general elective credit | | |
| COM 133 | Linux Operating Systems & Network | 2 | | | |
| COM 196 | Computer Systems Internship | 2 | | | |
| COM 201 | Windows Operating Systems | 1 | | | |
| COM 222 | Computer Logic | 3 | | | |
| COM 225 | Systems Analysis | 3 | | | |
| COM 246 | Intro to Cybersecurity | 3 | | | |
| COM 265 | Command Prompt-Windows | 2 | | | |
| COM 281 | Microsoft Excel | 2 | | | |
| BUS 225 | Business Communication | 3 | | | |
| COM 111 | Business Computer Systems | 4 | CS 200B -or- ITEC 229 | Computer Concepts -or- Computers Business Admin | T |
| COM 189 | Networking Technologies | 3 | ITEC 224 | Network Fundamentals | T |
| COM 218 | Security + Certification | 3 | ITEC 216 | Information Security Fundamentals | T |
| COM 227 | Database Management Systems | 3 | ITEC 334 | Database Design & Processing | T |
| COM 231 | C- Programming | 3 | CS 202 -or- ITEC 209 | Intro to Computer Science -or- Intro to Programming | T |
| COM 241 | Windows Server Networking | 3 | ITEC 225 | Operating Systems | T |
| COM 244 | A+ Certification | 3 | ITEC 2XX | Information Technology Elective 200-level | T |
| COM 247 | Python Programming | 3 | ITEC 209 | Intro to Programming | |
| | | 49 | | | |
| | | | 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 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 |
| | | | ITEC Major Electives | Must be at 300/400 level | 18 |
| | | | | | 54 |
| Total semester hrs completed with AAS degree: | | 65 | Total semester hrs completed with BS degree: | | 69 |
| | | | Total hrs to BS degree: | | 134 |
| <i>Degree Plan updated on 11/18/22 by SG</i> | | | | | |