



Saluki Step Ahead

Elgin Community College

AA General w/ Comp Network Specialist Cert to BS ITEC

SEMESTER 1 - Elgin Community College

| | | |
|-----------------|---------------------------------------|-------------|
| ENG 101 | English Composition I | 3.0 |
| MTH 112 | College Algebra | 4.0 |
| PSY 100/SOC 100 | Intro to Psych -or- Principles of Soc | 3.0 |
| CIS 105 | Intro to Computer Programming | 4.0 |
| Elective | IAI Life Science | 3.0 |
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| | | 17.0 |

SEMESTER 2 - Elgin Community College

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| ENG 102 | English Composition II | 3.0 |
| MTH 102 | General Education Statistics | 3.0 |
| HUM 116/216 | Logic -or- Ethics | 3.0 |
| CIS 231 | Intro to Windows OS | 3.0 |
| Elective | IAI Physical Science | 4.0 |
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| | | 16.0 |

SEMESTER 3 - Elgin Community College

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| CMS 101 | Fundamentals of Speech | 3.0 |
| CIS 252 | Network Fundamentals | 3.0 |
| Elective | IAI Fine Arts | 3.0 |
| Elective | IAI Humanities | 3.0 |
| Elective | IAI Social Science | 3.0 |
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| | | 15.0 |

SEMESTER 4 - Elgin Community College

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| CIS 253 | Principles of Cyber Security | 3.0 |
| CIS 256 | Network Admin/Microsoft | 3.0 |
| Elective | IAI Multicultural (Human Relations) | 3.0 |
| Elective | IAI Social Science | 3.0 |
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| | | 12.0 |

SEMESTER 5 - SIU

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|----------|------------------------------|-------------|
| ITEC 225 | Operating Systems | 3.0 |
| ITEC 235 | System Administration | 3.0 |
| ITEC 280 | Discrete Math for IT | 3.0 |
| ITEC 314 | Ethical & Legal Issues in IT | 3.0 |
| Elective | General Elective | 3.0 |
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| | | 15.0 |

SEMESTER 6 - SIU

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|----------|------------------------------|-------------|
| ITEC 236 | Web-based Apps in ITEC | 3.0 |
| ITEC 312 | Programming II | 3.0 |
| ITEC 334 | Database Design & Processing | 3.0 |
| Elective | ITEC Approved, 300-400 Level | 3.0 |
| Elective | ITEC Approved, 300-400 Level | 3.0 |
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| | | 15.0 |

SEMESTER 7 - SIU

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| ITEC 380 | User Experience Design | 3.0 |
| ITEC 390 | Career Development for IT Professionals | 3.0 |
| ITEC 412 | ITEC: Analysis, Design & Implementation | 3.0 |
| Elective | ITEC Approved, 300-400 Level | 3.0 |
| Elective | ITEC Approved, 300-400 Level | 3.0 |
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| | | 15.0 |

SEMESTER 8 - SIU

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|--------------|---|-------------|
| ITEC 370 | Database Programming with SQL | 3.0 |
| ITEC 404 | IT Project Management | 3.0 |
| ITEC 419/495 | Occupational Internship -or- Senior Project I | 3.0 |
| Elective | ITEC Approved, 300-400 Level | 3.0 |
| Elective | General Elective | 3.0 |
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| | | 15.0 |

TOTAL HOURS: 120.0