|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Preparatory Courses** | | | | |
| Complete | Course Number | | Course Title |  | |
|  | **FYEX 0070\*** | | College and Career Success |  | |
|  | **ENGL 0040\*** | | Integrated Reading and Writing |  | |
|  | **MATH 0030, MATH 0075, MATH 0084, STAT 0086 \*** | | Developmental Math courses |  | |
|  | **FALL YEAR ONE** | | | | |
| Certs | Term | Course Number | Course Title | Prerequisites | Credits |
|  | F.SP.S | **ENGL 1010 ^** | English Composition I | ENGL0040 \* | 3 |
| + | F | ITEC 1420 or  ITEC1610 | Introduction to Information Security **OR**  IT Essentials |  | 3 |
| + | F | **ITEC 1640 ^** | Introduction to Networks CCNA1 |  | 2 |
| + | F | ITEC 1645 | Switching, Routing, and Wireless Essentials CCNA2 | ITEC1640 \*\* | 2 |
| + | F | ITEC 1650 | Linux Fundamentals (Linux+) |  | 3 |
|  | F.SP.S | **STAT 1010 ^** | Probability and Statistics | MATH0084 OR STAT0086 (m) \* | 3 |
|  |  | **^ Milestone course** |  | **Semester Credit Hours** | **16** |

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|  | **SPRING YEAR ONE** | | | | |
| Certs | Term | Course Number | Course Title | Prerequisites | Credits |
|  | SP | BUSM 1260 | Project Management |  | 3 |
|  | F.SP.S | **ENGL 1030 ^** | English Composition II | ENGL1010 \*\* | 3 |
| + | SP | ITEC 1690 | Network Security (Security+) | ITEC1420 or ITEC1610 \*\* | 3 |
| + | SP | ITEC 1810 | Microsoft Office for IT Professionals | CISS1020 or pass Computer Literacy Test | 3 |
|  | SP | ITEC 1840 | Ethics in Information Age |  | 3 |
|  |  | **^ Milestone course** |  | **Semester Credit Hours** | **15** |

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|  | **FALL YEAR TWO** | | | | |
| Certs | Term | Course Number | Course Title | Prerequisites | Credits |
|  | F.SP.S | COMM 1010 | Speech |  | 3 |
| + | F | ITEC 1430 | Certified Ethical Hacker (CEH) | ITEC1640, ITEC1650, ITEC1840, ITEC2420c \*\* | 3 |
| + | F | ITEC 1860 | Introduction to Programming |  | 3 |
|  | F | ITEC 2420 | Advanced Network Security | ITEC1690, ITEC1430c \*\* | 3 |
| + | F | ITEC 2610 | Implementing Windows Server | ITEC1420 or ITEC1610 \*\* | 3 |
|  |  | **^ Milestone course** |  | **Semester Credit Hours** | **15** |

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|  | **SPRING YEAR TWO** | | | | |
| Certs | Term | Course Number | Course Title | Prerequisites | Credits |
|  | F.SP.S | SOCY2010 | Cultural Diversity & Racism **OR**  Social Science Elective (see your advisor) |  | 3 |
|  | F.SP.S | HIST1010 | American History I **OR**  Humanities Elective (see your advisor) |  | 3 |
|  | SP | ITEC 2450 | Computer Hacking Forensic Investigator (CHFI) | ITEC1430 \*\* | 3 |
|  | SP | ITEC 2460 | Cloud Computing | ITEC1420 or ITEC1610 \*\* | 3 |
|  | SP | ITEC 2500 OR  ITEC2980 & ITEC2990 | Capstone for Cyber Security Professionals  **OR**  Cooperative Work Experience and Seminar | ITEC2450c, BUSM1260, COMM1010, ENGL1030, STAT1010  ITEC2990m & ITEC2980m (Both require Instructor permission & 18 credit hours of ITEC courses) | 3  OR  1-2  & 1 |
|  | SP | ITEC\_\_\_\_ | Certification Technical Elective (see next page) | Instructor permission required | 1 |
|  |  | **^ Milestone course** |  | **Semester Credit Hours** | **15-16** |
|  |  |  |  | **TOTAL SEMESTER HOURS** | **61-62** |

c = Can be concurrent m = Must be concurrent

**+ This course applies towards an Information Technology Certificate. See back page for details**

**\*\* Minimum grade of C- required**

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| **CERTIFICATION TECHNICAL ELECTIVES** | | | |  | |  | |
| Complete | Course Number | Course Title | | Prerequisites | | Credits |
|  | ITEC 2701 | Certification Preparation for A+ | | Instructor permission required | | 1 |
|  | ITEC 2702 | Certification Preparation for Security+ | | Instructor permission required | | 1 |
|  | ITEC 2703 | Certification Preparation for Linux+ | | Instructor permission required | | 1 |
|  | ITEC 2705 | Certification Preparation for CCNA Routing & Switching | | Instructor permission required | | 1 |
|  | ITEC 2706 | Certification Preparation for VMWare (VCA) | | Instructor permission required | | 1 |
|  | ITEC 2707 | Certification Preparation for Windows Server Exam 70-410 | | Instructor permission required | | 1 |
|  | ITEC 2708 | Certification Preparation for Windows Server Exam 70-411 | | Instructor permission required | | 1 |
|  | ITEC 2709 | Certification Preparation for CWNA Wireless | | Instructor permission required | | 1 |
|  | ITEC 2710 | Certification Preparation for Cisco CCNA - Security | | Instructor permission required | | 1 |
|  | ITEC 2711 | Certification Preparation for Certified Ethical Hacker (CEH) | | Instructor permission required | | 1 |
|  | ITEC 2712 | Certification Preparation for Computer Hacking Forensic Investigator | | Instructor permission required | | 1 |

**INFORMATION TECHNOLOGY CERTIFICATES. HIGHLIGHTED COURSES ARE IN THE CYBER SECURITY PROGRAM**

|  |  |  |
| --- | --- | --- |
| **Cyber Security Network Defense Certificate**   * **ITEC1420** * **ITEC1430** * **ITEC1620** * **ITEC1640** * **ITEC1645** * **ITEC1650** * **ITEC1690** * **ITEC1860** * **ITEC2410** * **ITEC2430** * **ITEC2450** * **ITEC2610** | **Microsoft Applications**   * **CISS1210** * **CISS1220** * **CISS1230** * **CISS1250** * **CISS1270** * **CISS1280** | **Network Administration/Management**   * **ITEC1610** * **ITEC1620** * **ITEC1640** * **ITEC1645** * **ITEC1650** * **ITEC1680** * **ITEC1685** * **ITEC1690** * **ITEC2460** * **ITEC2610** * **ITEC2650** * **ITEC2660** * **ITEC2670** |
| **Help Desk/Desktop Support**   * **ITEC1610** * **ITEC1620** * **ITEC1640** * **ITEC1645** * **ITEC1690** * **ITEC1810** | **Network Support**   * **ITEC1610** * **ITEC1620** * **ITEC1640** * **ITEC1645** * **ITEC1680** * **ITEC1685** | **Network Security Essentials**   * **ITEC1610** * **ITEC1620** * **ITEC1640** * **ITEC1645** * **ITEC1690** |
| **Security Essentials**   * **ITEC1610** * **ITEC1690** | **Windows Server Administration**   * **ITEC1610** * **ITEC1620** * **ITEC1640** * **ITEC1645** * **ITEC1690** * **ITEC2610** * **ITEC2670** | **Wireless Network Support**   * **ITEC1610** * **ITEC1620** * **ITEC1640** * **ITEC1645** * **ITEC2660** |

\* All incoming students will be required to provide ACT scores or take a placement test. Based on their scores, students will be placed in appropriate English and mathematics courses. Successful completion of developmental English, and mathematics prerequisites require a grade of C- or above in the course. Developmental reading, writing, and mathematics course prerequisites can also be attained through placement testing. See the [Standardized Testing Cutoff Scores](https://www.ncstatecollege.edu/cms/media-custom/PDF/_Fdrive/Policies%20Manual/Final%20PDFs/14-202.pdf) for specific tests and test scores.

The College strongly recommends that students be covered by hospitalization insurance, which can be purchased through a private carrier. To obtain a brochure regarding insurance, contact the Student Success Center. (Rm 103 Kee Hall) or call toll free 888-755-4899, ext. 4761 or locally 419-755-4761.