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| JJC Logo Primary_black.jpg | **2018-2019 Completion Guide**  **Computer & Network Security Specialist, Associate in Applied Science, CO241**  **ICCB Approved Total Program Hours:** |
| Date | *The following schedule is based on full-time enrollment. Students planning to transfer to a senior institution should check with that institution for specific transfer requirements.* |
| Program Prerequisites |  |

**T= Traditional H = Hybrid W = Web**

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| **First Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 123 | Linux NDG | 3 | W |  | FL, SP | 8 week course |
| CIS 277 | Computer Security for Home & Small Business | 3 | T |  | FL, SP |  |
| CIS 122 | Computer Info System Fundamentals | 4 | T, H, W |  | FL, SP, SM |  |
| MATH 098\* *or* MATH 127\*\* | Intermediate Algebra\*  Mathematics for General Education\*\* | 4\*  3\*\* | T, W\*  T\*\* | Appropriate placement score or minimum grade “C” in MATH 094 or equivalent.  Not intended for transfer.\*  Appropriate placement score or minimum grade of “C” in MATH 098 or equivalent.\*\* | FL, SP, SM |  |
| ENG 101\* *or* ENG 130\*\* | Rhetoric\*  Technical Writing & Communications\*\* | 3 | T, W\*  W\*\* | Appropriate placement score; or minimum grade “C” in one of the following: ENG 021 and ENG 099, or ENG 022 or ENG 099, or the EAP course sequence ENG 079 and ENG 089 or ENG 096. | FL, SP, SM |  |
|  | Total Semester Hours | 17 |  |  |  |  |

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| **Second Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 271 or  CNT101 | Windows Client OS or Network Fundamentals | 4 | T | For CIS271: CIS 263, which may be taken concurrently, or CNT 101, or consent of department.  For CNT101: none | FL, SP | CNT101: 8-week course |
| CIS 159 | Intro to Operating Systems & Scripts | 4 | T | CIS 122, or consent of department. | FL, SP |  |
| CIS 263 | Networking Essentials | 3 | T, H | CIS 122 or consent of department. | FL, SP |  |
| Gen Ed Group II | Social & Behavioral Science course | 3 |  |  |  |  |
|  | Total Semester Hours | 14 |  |  |  |  |

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| **SUMMER** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 162 or CNT220 | Intro to Wireless Communications  Or CCNA Security | 4 | T | CIS 162 - None  CNT 220 - CNT 101 with a min. grade of C or consent of dept. | SM |  |
|  | Total Semester Hours | 4 |  |  |  |  |

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| **Third Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 296 | Computer Forensics | 4 | T | CIS 275 and CIS 292. | FL |  |
| CIS 292 | Computer & Network Security | 4 | T |  | FL |  |
| CIS 275 | IT Technical Support | 4 | T | CIS 122 and CIS 159 or equivalents or consent of department. | FL, SP |  |
| Gen Ed Group I-V |  | 2 |  |  |  |  |
|  | Total Semester Hours | 14 |  |  |  |  |

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| **Fourth Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 278 | Ethical Hacking | 4 | T | CIS 292 or consent of department. | SP |  |
| CIS 272 | Windows Server I | 4 | T | CIS 271, or consent of department. | FL, SP |  |
| CIS294 | Cybersecurity Analyst | 4 | T | CIS 292 with a min. grade of C or consent of dept. | SP |  |
| CIS Elective |  | 3 |  |  |  |  |
|  | Total Semester Hours | 15 |  |  |  |  |

**Graduation Requirements**

To be awarded an Associate degree at Joliet Junior College, each student must meet the following requirements:

1. Satisfy all admission requirements.

2. Complete the courses required to earn the chosen degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 60 credit hours of which the last 15 credit hours applicable to the degree are earned at Joliet Junior College. If the student has not taken the last 15 hours at JJC, then a total of 30 credit hours applicable to the degree must be earned at Joliet Junior college. Proficiency test, CLEP and Advanced Placement do not meet this requirement.

3. Earn a cumulative grade point average of at least 2.0.

4. Discharge all financial obligations to the college; have no restrictions.

5. File an application for graduation (An application should be filed at the time of registration for student’s anticipated last semester).

6. Have on file in the Graduation office by the graduation filing date all transcripts from other colleges/universities that are to be evaluated for credit, to be applied toward a degree. A delay in the process may result in a later graduation date.

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| For more information:  http://www.jjc.edu/ academics/computer-information-systems | Department Chairperson | Program Coordinator |
| Pam Dunn | Stan Pieklo |
| (815) 280-2486  padunn@jjc.edu | (815) 280-2310  spieklo@jjc.edu |