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| JJC Logo Primary_black.jpg | **2018-2019 Completion Guide**  **Information Technology - Networking, Associate in Applied Science, CO238**  **ICCB Approved Total Program Hours: 67** |
| 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 |
| CNT 101 | Network Fundamentals | 4 | T |  | FL, SP |  |
| CNT 102 | Routing Protocols & Concepts | 4 | T | Minimum grade “C” in CNT 101 | FL, SP |  |
| CIS 122 | Computer Information Systems Fundamentals | 4 | T, H, W |  | FL, SP, SM |  |
| CIS 125 | Cloud Essentials | 3 | W |  | FL, SP, SM |  |
|  | Total Semester Hours | 15 |  |  |  |  |

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| **Second Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CNT 103 | LAN Switching & Wireless Communications | 4 | T | Minimum grade of “C” in CNT 102. | FL, SP |  |
| CNT 104 | Accessing the WAN | 4 | T | Minimum grade of “C” in CNT 103 | FL, SP |  |
| ENG 101\* *or* ENG 130\*\* | Technical Writing and Communication\*  *or* Rhetoric\*\* | 3 | W\* T, 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 |  |
| Gen Ed Group II |  | 3 |  |  |  |  |
|  | Total Semester Hours | 14 |  |  |  |  |

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| **SUMMER** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 162 | Intro to Wireless Communications | 4 | T |  | SM |  |
| CNT 220 | CCNA Security | 4 | T | CNT 101 with a minimum grade of “C”, valid CCNA R&S certification, or consent of department. | FL, SP, SM |  |
| Gen Ed Group I-V |  | 3 |  |  |  |  |
|  | Total Semester Hours | 11 |  |  |  |  |

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| **Third Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CNT 210 | Route I | 4 | T | CCNA Certification or minimum grade of “C” in CNT 104. | FL |  |
| CNT 211 | Route II | 4 | T | CCNA Certification or minimum grade of “C” in CNT 104; and minimum grade of “C” in CNT 210. | FL |  |
| MATH 098 *(or higher)* | Intermediate Algebra | 4 | T, W | Appropriate placement score or minimum grade “C” in MATH 094 or equivalent. Not intended for transfer. | FL, SP, SM |  |
| CNT 218 | Cisco Voice Primer | 4 | T | CNT 102 with a minimum grade of “C” | SP |  |
|  | Total Semester Hours | 16 |  |  |  |  |

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| **Fourth Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CNT 212 | Switch | 4 | T | CCNA Certification or minimum grade of “C” in CNT 104. | SP |  |
| CNT 213 | TSHOOT | 4 | T | CCNA Certification or minimum grade of “C” in CNT 104, CNT 210, CNT 211, and CNT 212. | SP |  |
| CNT 219 | Cisco Voice | 4 | T | CNT 218 with a minimum grade of “C”, or consent of instructor. | FL |  |
|  | Total Semester Hours | 12 |  |  |  |  |

**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 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. 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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| Student Advising Center  [academicadvising@jjc.edu](mailto:academicadvising@jjc.edu)  815-280-2673 | Department Chairperson | Program Coordinator | Program Advisor |
| J.Bradford | Joe Sullivan | William (Bill) Martin |
| (815) 280-2403 jbradfor@jjc.edu | (815) 280-7720  jsulliva@jjc.edu | (815) 280-7718  wmartin@jjc.edu |