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| JJC Logo Primary_black.jpg | **2020-2021 Completion Guide**  **Information Technology - Networking, A.A.S., CO238**  **ICCB Approved Total Program Hours: 62** |
| Date: September 26, 2019 | *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 | *None* |

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

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| **First Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered |  |
| CNT 101 | Cisco Certified Network Associate (CCNA) Introduction | 3 | T, H, W |  | FL, SP | 8-week course |
| CNT 102 | Cisco Certified Network Associate (CCNA) Intermediate | 3 | T, H, W |  | FL, SP | 8-week course |
| CIS 122 | Computer Information Systems Fundamentals | 4 | T, H, W |  | FL,SP,SM |  |
| CIS 125 | Cloud Essentials | 3 | T, H |  | FL,SP,SM | 8-week course |
| Gen Ed Electives | Select 1 course from Group I-V | 3 | varies |  | Varies |  |
|  | Total Semester Hours | 16 |  |  |  |  |

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| **Second Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CNT 103 | Cisco Certified Network Associate (CCNA) Advanced | 3 | T, H, W |  | FL, SP | 8-week course |
| CNT 104 | Cisco Certified Network Associate (CCNA) Practicum | 3 | T |  | FL, SP | 8-week course |
| 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 |  |
| CIS 216 | World Wide Web Homepage Authoring | 3 | T, H, W |  | FL,SP, SM |  |
| CIS 123 | Linux Essentials Network Development Group | 3 | T, W |  | FL,SP,SM | 8-week course |
|  | Total Semester Hours | 15 |  |  |  |  |

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| **Third Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CNT 210 | Cisco Certified Network Professional (CCNP) Introduction | 3 | T, H, W |  | FL | 8-week course |
| CNT 211 | Cisco Certified Network Professional (CCNP) Intermediate | 3 | T, H, W |  | FL | 8-week course |
| CNT 220 | Cisco Certified Network Associate (CCNA) Security | 3 | T, H, W |  | FL, SP | 8-week course |
| CIS 297 | Cisco CyberOps | 3 | T | CNT 101 or CIS 263 in addition to CIS 123  or none with consent of department. | FL, SP | Varies |
| Gen Ed Electives | Select 1 course from Group II | 3 |  |  | Varies | Varies |
|  | Total Semester Hours | 15 |  |  |  |  |

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| **Fourth Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CNT 212 | Cisco Certified Network Professional (CCNP) Advanced | 3 | T, H, W |  | SP | 8-week course |
| CNT 213 | Cisco Certified Network Professional (CCNP) Practicum | 3 | T, H, W |  | SP | 8-week course |
| CIS or CNT elective | Select 1, three-credit or higher credit hour course from any CIS, CNT, GAME, DGTL prefix | 3 | Varies | Varies | Varies | Varies |
| CIS 162 | Wireless Foundations | 3 | T |  | FL, SP, SM | 8-week course |
| MATH 098 or higher | Intermediate Algebra | 4 | T, W | Appropriate placement score or minimum grade “C” in MATH 094 or equivalent. | FL, SP, SM | MATH 098 |
|  | Total Semester Hours | 16 |  |  |  |  |

**A.A.S 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 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: | **Department Chairperson** | **Program Coordinator** | **Program Advisor** |
| Name: Jeff Bradford | Name: Joe Sullivan | Name: Bill Martin |
| E-mail: jbradford@jjc.edu | E-mail: jsulliva@jjc.edu | E-mail: wmartin@jjc.edu |
| Phone: 815-280-2403 | Phone: 815-280-7720 | Phone: 815-280-7718 |