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| JJC Logo Primary_black.jpg | **2018-2019 Completion Guide**  **Computer Engineering Technology (Networking Option),  Associate in Applied Science, TE831**  **ICCB Approved Total Program Hours: 69** |
| 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 |
| MATH 131 | College Algebra | 4 | T | Appropriate placement score or minimum grade “C” in MATH 095 and MATH 098 or equivalent | FL, SP, SM |  |
| EET 113 | Electrical Circuits | 4 | T |  |  |  |
| CNT 101 | Network Fundamentals | 4 | T |  | FL, SP |  |
| CNT 102 | Routing Protocols & Concepts | 4 | T | Minimum grade “C” in CNT 101 | FL, SP |  |
| Gen Ed Requirement |  | 1 |  |  |  |  |
|  | Total Semester Hours | 17 |  |  |  |  |

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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 |  |
| EET 114 | Digital Electronics | 4 | T |  |  |  |
| Gen Ed Requirement |  | 3 |  |  |  |  |
|  | Total Semester Hours | 18 |  |  |  |  |

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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 |  |
| EET 125 | Solid State Circuitry | 4 | T | Minimum grade of “C” in EET 113 |  |  |
| EET 102 | Electronic Soldering Circuit Board Rework and Repair | 2 | T |  |  |  |
| EET 214 | Microcomputer Electronics | 4 | T | Minimum grade of “C” in EET 114 |  |  |
|  | Total Semester Hours | 18 |  |  |  |  |

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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 |  |
| EET 224 | Advanced Microcomputer Electronics | 4 | T | Minimum grade of “C” in EET 214. |  |  |
| PHYS 103 | Technical Physics | 4 | T | Placement into ENG 101 or minimum grade of "C" in one of the following: ENG 021 and ENG 099; or ENG 022 and ENG 099; or the EAP course sequence ENG 079 and ENG 089, or ENG 096; and placement into MATH 094or minimum grade "C" in MATH 090 or equivalent. Recommended: TMAT 107 (previously MATH 107) or TMAT 108 (previously MATH 108). | FL, SP |  |
|  | Total Semester Hours | 16 |  |  |  |  |

**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 given degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 60 credit hours of which 15 credit hours applicable to the degree are earned at JJC. Proficiency test, CLEP and Advanced Placement does 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 the student’s anticipated last semester.)

6. Have all official transcripts from other colleges/universities on file in the Graduation Office by the graduation filing date for evaluation of credit. 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** |
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| E-mail: jbradford@jjc.edu |  | E-mail: mboehle@jjc.edu |
| Phone: 815.280.2403 |  | Phone: 815-280-2471 |