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| JJC Logo Primary_black.jpg | **2018-2019 Completion Guide**  **Network Specialist, Associates in Applied Science, CO230**  **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 122 | Computer Info System Fundamentals | 4 | T, H, W |  | FL, SP, SM |  |
| CIS 126 | Microsoft Office | 3 | T, H, W |  | FL, SP, SM |  |
| CIS 145 | Fundamentals of Networking | 3 | T, W | CIS 122, may be taken concurrently. | FL, SP, SM |  |
| 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 |  |
| ENG 101 | Rhetoric | 3 | 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 |  |
|  | Total Semester Hours | 17 |  |  |  |  |

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| **Second Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 130 | BASIC Programming | 4 | T, W | CIS 122 and placement testing into MATH 127 or higher level Math course, or minimum grade of “C” in MATH 098. | FL, SP, SM |  |
| CIS 263 | Networking Essentials | 3 | T, H | CIS 122 or consent of department. | FL, SP, SM |  |
| CIS 271 | Windows Client OS | 4 | T | CIS 263, which may be taken concurrently, or CNT 101 or CIS 145, or consent of department. | FL, SP |  |
| CIS 277 | Computer Security for Home & Small Business | 3 | T |  | FL, SP |  |
| Gen Ed Group II |  | 3 |  |  |  |  |
|  | Total Semester Hours | 17 |  |  |  |  |

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| **Third Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 154 | Data Communication & Networks | 4 | T | CIS 122, and CIS 145 or consent of department. | FL, SP |  |
| CIS 159 | Intro to Operating Systems & Scripts | 4 | T | CIS 122, or consent of department. | FL, SP |  |
| CIS 272 | Windows Server I | 4 | T | CIS 271, or consent of department. | FL, SP |  |
| CIS 275 | IT Technical Support | 4 | T | CIS 122 and CIS 159 or equivalents or consent of department. | FL, SP |  |
|  | Total Semester Hours | 16 |  |  |  |  |

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| **Fourth Semester** | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 273 | Windows Server II | 4 | T | CIS 271 and CIS 272 both with a “C” or better or consent of department. | SP, SM |  |
| CIS 276 | Advanced IT Technical Support | 4 | T | CIS 275 or consent of department. May be taken concurrently with CIS 275 with department consent. | FL, SP |  |
| CIS 293 | VMware vSphere | 4 | T | CIS 272 with a minimum grade of “C” | FL, SP |  |
| CIS Elective |  | 4 |  |  |  |  |
| Gen Ed Groups I-V |  | 2 |  |  |  |  |
|  | Total Semester Hours | 18 |  |  |  |  |

**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 | Program Advisor |
| Pam Dunn | Joe Sullivan | Stan Pieklo |
| (815) 280-2486 padunn@jjc.edu | (815) 280-7720  jsulliva@jjc.edu | (815) 280-2310  spieklo@jjc.edu |