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| JJC Logo Primary_black.jpg | **2019-2020 Completion Guide****Management Information Systems, Certificate of Achievement, CO251****ICCB Approved Total Program Hours: 37** |
| 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 Information 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 |  |
|  | Total Semester Hours | 10 |  |  |  |  |

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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 211 | Database Management Systems | 3 | W | CIS 126 or OFS 214 or consent of department. | FL, SP |  |
| CIS 213 | Electronic Spreadsheet Software | 3 | W | CIS 126 or OFS 214 or consent of department. | SP |  |
|  | Total Semester Hours | 10 |  |  |  |  |

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| **Third Semester** |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 230 | Visual BASIC | 4 | T, W | CIS 130 or CIS 136 or equivalent. | FL, SP |  |
| CIS 226 | Advanced Microsoft Office | 4 | W | CIS 126 or OFS 214 or consent of department. | FL, SP |  |
|  | Total Semester Hours | 8 |  |  |  |  |

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| **Fourth Semester** |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| CIS 240 | Management Information Systems | 3 | W | CIS 122 or CIS 126 or consent of department. | SP |  |
| CIS 250 | Systems Analysis & Design | 3 | T, W | CIS 130 or CIS 136 or consent of department. | FL, SP |  |
| CIS 235 | Microsoft Office Certification Prep | 3 | W | CIS 126 or OFS 214.CIS 226 also recommended. | FL, SP |  |
|  | Total Semester Hours | 9 |  |  |  |  |

**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 |
| Ram Raghuraman |  |  |
| (815) 280-2334rraghura@jjc.edu |  |  |