



# 2015-2016 Degree Completion Guide

Programming Option AAS CO260

DATE 9/8/14

ICCB Approved Total Program Hours: **64** Semester Hours

The following suggested schedule is based on full-time enrollment. Students planning to transfer to a senior institution should check with that institution for specific transfer requirements.

Courses that are approved for the AA/AS degrees are **bolded**.

Mode of Delivery:
T = Traditional classroom
W = Online
Q = Blended

### Program Prerequisites:

\*Note: 12 credit hours must be from outside the CIOS Department

First Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
CIS 122	Computer Information Systems Fundamentals	4	T, W, Q		FL, SP, SM	
CIS 126 or	Microsoft Office	3	T, W, Q		FL, SP, SM	
CIS 124	Beginning Microcomputer Applications	3	T		FL, SP	
Gen. Ed.	1 course from Group I: Communications	3				
Gen. Ed.	1 course from Group IV: Math/Sciences	3				
CIS 145	Fundamentals of Networking	3	T, W		FL, SP, SM	
<b>Total Semester Hours:</b>		<b>16</b>				

Second Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
CIS 130 or	BASIC Programming	4	T, W	CIS 122 and COMPASS placement into MATH 127 or higher level Math course, or a minimum grade of C in MATH 098	FL, SP, SM	
CIS 136	PASCAL Programming	4	W	CIS 122 and COMPASS placement into MATH 127 or higher level Math course, or a minimum grade of C in MATH 098.	SP	
CIS 216	Worldwide Web Homepage Authoring	3	T, W	CIS 116 and CIS 122 recommended for those not proficient with computers.	FL, SP, SM	
CIS 211	Database Management Systems	3	W	CIS 126 or OFS 214 or consent of dept.	FL, SP	
CIS 230	Visual BASIC	4	T, W	CIS 130 or CIS 136 or equivalent	FL, SP	
Gen. Ed.	1 course from Grp. II: Social & Behavioral Sciences	3				
<b>Total Semester Hours:</b>		<b>17</b>				

Third Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
CIS 223	Java Script	3	T, W	CIS 216, and CIS 130 or CIS 136 or CIS 236 or consent of dept.	FL	
CIS 236	Programming in C	4	T, W	CIS 130 or CIS 136	FL, SP, SM	CIS 136 strongly recommended
CIS Elective	4 cr. hrs. from CIS electives	4				
Gen. Ed.*	3 cr. hrs. from Groups I - V: General Education	3				
Gen. Ed.*	3 cr. hrs. from Groups I - V: General Education	3				
<b>Total Semester Hours:</b>		<b>17</b>				

Fourth Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
CIS 246	Advanced C Using C++	4	T, W	CIS 236 or consent of dept. and COMPASS placement into Math 127 or higher level Math course or minimum grade of C in Math 098.	FL, SP, SM	
CIS 261	Java Programming	4	T, W	CIS 236 or consent of dept. And Math 098 with a min. grade of C or higher level Math.	FL, SP, SM	
CIS 250	Systems Analysis and Design	3	T, W	CIS 130 or CIS 136 or consent of dept.	SP	
Gen. Ed.*	3 cr. hrs. from Groups I - V: General Education	3				
<b>Total Semester Hours:</b>		<b>14</b>				

### 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.

### For more information

Counseling & Advising  
Main Campus room A-1155  
815-280-2673

Department Chairperson  
R. Raghuraman  
815-280-2334

Program Advisor  
P. Dunn  
815-280-2486