JOLIET 2015-2016 Degree Completion Guide

UNIX, C and C++ Specialist CAC - CO880

ICCB Approved Total Program Hours: 38 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:

4/15/2015

First Semest	er					
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
	Computer Information Systems					
CIS 122	Fundamentals	4	T, W, Q		FL, SP, SM	
	Total Semester Hours:	4				

Second Semester							
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes	
	3 cr. hrs. from Major Core						
Elective	Electives	3					
	Intro to Operating Systems &						
CIS 159	Scripts	4	Т	CIS 122 or equivalent	FL, SP		
CIS 130 or	BASIC Programing	4	T, W	CIS 122 & COMPASS placement into Math 127 or higher level math or grade of C or better in Math 098.	FL, SP, SM		
CIS 136	PASCAL Programming	4	т	CIS 122 & COMPASS placement into Math 127 or higher level math or grade of C or better in Math 098.	SP		
	Total Semester Hours:	11					

Third Semester							
Course	 Title	Credit	Mode of	Pre Requisites	Term(s)		
	Title	Hours	Delivery		Offered	Notes	
				CIS 130 or CIS 136 or			
CIS 230	Visual Basic	4	T, W	equivalent	FL, SP		
						CIS 136 strongly	
CIS 236	Programming in C	4	T, W	CIS 130 or CIS 136	FL, SP, SM	recommended	
	Advanced Operating Systems						
CIS 259	Concepts	4	Т	CIS 159 or consent of dept.			
	3 cr. hrs. from Major Core						
Elective	Electives	3					
	Total Semester Hours:	15					

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 or grade of C or better in Math 098.	FL, SP, SM		
Elective	4 cr. hrs. from Major Core Electives	4					
	Total Semester Hours:	8					

Graduation Requirements

- To be awarded an Associate degree at Joliet Junior College, each student must meet the following requirements:
- 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.