

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.

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

Program Prerequisites:

First Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
ENG 101 or ENG 130	Rhetoric or Technical Writing and Communication	3	Varies	Prerequisite: Appropriate COMPASS placement score; or minimum grade "C" in one of the following: ENG 021 and ENG 099, or the EAP course sequence ENG 079 and ENG 089 or ENG 096.	Varies	
TMATH 107	Technical Mathematics I	3	Varies	Prerequisite: Appropriate COMPASS placement score, or a minimum grade of C in MATH 090.	Varies	Take Tmath 107 & 108 or Math 119
MATH 119	Mathematics for Technical Students	5	T	Prerequisite: Appropriate COMPASS placement score or minimum grade "C" in MATH 095 and MATH 098 or equivalent.	Varies	
EEAS 111	Industrial Controls I	4	T	NONE	Varies	
EET 113	Electrical Circuits	4	T	NONE	Varies	
Total Semester Hours:		16				

Second Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
TMATH 108 or	Technical Mathematics II, or	3	T	Prerequisite: MATH 107 or MATH 094 with a minimum grade of C, or appropriate COMPASS placement score.	Varies	Take Tmath 107 & 108 or Math 119
PCIT 101	Introduction to Process Technology	4	T	NONE	Varies	
EEAS 113	Industrial Controls II	4	T	EEAS 111	Varies	
EET 114	Digital Electronics	4	T	NONE	Varies	
IMT 121	Industrial Fluid Power	3	T	NONE	Varies	
Total Semester Hours:		15				

Third Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
PCIT 111	Pneumatic Measurement and Control	3	T	NONE	Varies	Eight week course, 1st eight weeks
PCIT 113	Electronic Measurement and Control Lecture	3	T	PCIT 111	Varies	Eight week course, 2nd eight weeks
EEAS 221	Industrial Circuits Basic Programmable Logic	4	T	EEAS 113	Varies	
PHYS 103	Technical Physics	4	T	Prerequisite: COMPASS placement into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099, or the EAP course sequence ENG 078 and ENG 089, or ENG 096; and COMPASS placement into MATH 094, or minimum grade "C" in MATH 090 or equivalent. Recommended: TMAT 107 (previously MATH 107) or TMAT 108 (previously MATH 108)	Varies	
Social Science Elective		3	Varies	Prerequisite: COMPASS placement into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099, or the EAP course sequence ENG 078 and ENG 089, or ENG 096.	Varies	
Total Semester Hours:		17				

Fourth Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
PCIT 221	Control Loop Tuning and Troubleshooting	3	T	PCIT113	Varies	Eight week class. 1st eight weeks
PCIT 241	Industrial Data Communications: Serial Standards	3	T	PCIT 221	Varies	Eight week class 2nd eight weeks
EET 214 OR EEAS 223	Microcomputer Electronics or Industrial Circuits -- Advanced Programmable Controllers	4	T	EET 114 or EEAS 221	Varies	
PCIT 231	Analyzing	3	T	PCIT 221	Varies	Eight week class, 2nd eight weeks
Technical Elective	IMT, EET, EEAS, or PCIT elective	4	Varies	Varies	Varies	
Total Semester Hours:		17				

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 Ist 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

 Greg Pakieser, Department Chairperson and
gpakiese@jic.edu
 815-280-2305

Program Coordinator