

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
MFG 115	Blueprint Reading for Manufacturing and Welding	3	T		FL, SP	
CADD 101	2D Computer Aided Design and Drafting I	3	T	MATH 095 or consent of department	FL, SP	
COURSE FROM GROUP IV: MATH	Select one Math course, Math 98 or higher level	3	T		FL, SP	
MFG 101	Precision Machine Tool Technology I	4	T		FL, SP	
MFG 107	Dimensional Metrology	3	T		FL, SP	
Total Semester Hours:		16				

Second Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
MFG 111	Numerical Control	3	T	MFG 101	FL, SP	
MFG 120	Physical Metallurgy	3	T	MFG 101	FL, SP	
MFG 102	Precision Machine Tool Technology II	4	T	MFG 101	FL, SP	
GEN ED. ELECTIVE	Choose from Groups I-V General Education	3	T		FL, SP	
Total Semester Hours:		13				

Third Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
MFG 103	Precision Machine Tool Technology III	5	T	MFG 102	FL, SP	
MFG 112	Advanced Numerical Control	3	T	MFG 111 or CADD 101	FL, SP	
Total Semester Hours:		8				

Fourth Semester						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
MFG 104	Manufacturing Processes	5	T	MFG 103 and MFG 112 and CADD 101. Concurrent: MFG 112 can be taken concurrently with this course with departmental approval.	FL, SP	
TECHNICAL ELECTIVE		3	T		FL, SP	
WLDG (ANY)		3	T		FL, SP	
Total Semester Hours:		11				

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

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