JOLIET JUNIOR COLLEGE 1901	**2023-2024 Completion Guide** **Welding Technology, AAS TE976** **ICCB Approved Total Program Hours: 60**
Date: March 22, 2023	*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

First Semester

Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes
WLDG 101	Introduction to the Welding Processes	3	T		FL/SP/SM	Eight week class
WLDG 110	SMAW I Flat and Horizontal	3	T	WLDG 101 with minimum grade of C.	FL/SP/SM	Eight week class
MFG 115	Blue print Reading	3	T		FL/SP/SM	
MFG 120	Physical Metallurgy	3	T	MFG 101	FL/SP/SM	
TMAT 107	Technical Mathematics*	3	T	Appropriate placement score or minimum grade C in MATH 090 or MATH 091 or equivalent. Not intended for transfer.	FL/SP/SM	
	Total Semester Hours	**15**				

Second Semester

Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes
WLDG 120	SMAW II Vertical and Overhead	3	T	WLDG 110 with a minimum grade of C.	FL/SP/SM	Eight week class
WLDG 140	GMAW	3	T	WLDG 101 and MFG 120 with minimum grade of C.	FL/SP/SM	Eight week class
WLDG 141	FCAW Welding	3	T	WLDG 140 with minimum grade C.	FL/SP/SM	Eight week class
TMAT 108	Technical Math II *	3	T	Appropriate placement score or minimum grade "C" in TMAT 107 or MATH 094 or equivalent.	FL/SP/SM	
Social Science Elective	Elective	3	T		FL/SP/SM	
	Total Semester Hours	**15**				

Third Semester

Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes
WLDG 170	SMAW Pipe Welding Pre-Certification	3	T	WLDG 120, MFG 115, and MFG 120 with minimum grades of C.	FL/SP/SM	Eight week class
WLDG 172	SMAW Pipe Welding II	3	T	WLDG 170 with minimum grade C.	FL/SP/SM	Eight week class

WLDG 162	GTAW Plates	3	T	WLDG 101 and MFG 115 with minimum grades of C.	FL/SP/SM	Eight week class
WLDG 166	GTAW Pipe Welding	3	T	WLDG 101 and MFG 115 with minimum grades of C.	FL/SP/SM	Eight week class
CIS 126	Microsoft Office	3	T		FL/SP/SM	
	Total Semester Hours	**15**				

Fourth Semester						
Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes
ENG 130 or ENG 101	Technical Writing and Communication or Rhetoric	3	T	Placement into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099, or the EAP course sequent ENG 079 and ENG 089, or ENG 096. ENG 101 Prerequisite: Appropriate placement score or minimum grade "C" in one of the following: ENG 021 and ENG 099, or the EAP course sequent ENG 079 and ENG 089, or ENG 096.	FL/SP/SM	Student may substitute ENG 102 or ENG 130
Tech Electives		12			FL/SP/SM	
	Total Semester Hours	**15**				

Graduation Requirements

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

1. Satisfy all admissions requirements.
2. Complete the courses required to earn the given degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 60 credit hours of which 15 credit hours applicable to the degree are earned at JJC. Proficiency test, CLEP, and Advanced Placement does not meet this requirement.
3. Earn a cumulative grade point average of at least 2.0.
4. Discharge all financial obligations to the College and have no restrictions.
5. File an application for graduation. An application should be filed at the time of registration for the student's anticipated last semester.
6. Have all official transcripts from other college/universities on file in the Graduation Office by the graduation filing date for evaluation of credit. A delay in the process may result in a later graduation date.

For more information:	**Department Chairperson**	**Program Coordinator**	**Program Advisor**
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