



# Certificate

Toward a Degree in

## Welding Technology

Career Curriculum 00WEL0060  
 Minimum Hours: 27  
 Major Code: 1.2 480508T  
 Effective Date: Fall 2021

### FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IND	201	Metallurgy	2	_____
WEL	120	Oxyfuel Welding, Cutting and Brazing	3	_____
WEL	121	SMAW(STICK) Plate Welding I	3	_____
WEL	122	GMAW(MIG) Plate Welding I	<u>3</u>	_____
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### NOTES AND INFORMATION

JALC Welding Program is an educational member of:

**American Welding Society**  
 8669 NW 36 Street  
 Suite 130  
 Doral, FL 33166



**Career Opportunities:** Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

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### FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
MAC	180	Blueprint Reading	3	_____
WEL	123	SMAW(STICK) Plate Welding II	3	_____
WEL	124	GTAW(TIG) Plate Welding I	3	_____
WEL	125	Weld Testing & Inspection	<u>4</u>	_____
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*John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.*