



# Certificate

## Toward a Degree in

# Welding Technology

Career Curriculum 00WEL0060  
 Minimum Hours: 27  
 Major Code: 1.2 480508T  
 Effective Date: Fall 2012

### FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IND	201	Metallurgy	2	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	151	Oxy-Acetylene Fusion Welding II	2	_____
WEL	152	Brazing & Soldering	1	_____
WEL	153	Oxy-Acetylene Cutting	1	_____
WEL	154	Arc Welding I	2	_____
WEL	155	Arc Welding II	2	_____
WEL	156	Arc Welding III	1	_____
WEL	200	Welding Theory	2	_____
			14	

### NOTES AND INFORMATION

This is a Gainful Employment Certificate Program of 16 credit hours or more that prepares the student for gainful employment in a recognized occupation. For detailed information regarding program length, cost, average loan debt and completion details, select the following link to the Gainful Employment Worksheet for this program.  
[https://www.jalc.edu/files/uploads/global/consumer\\_information/pdfs/gainful\\_employment/welding\\_technology.pdf](https://www.jalc.edu/files/uploads/global/consumer_information/pdfs/gainful_employment/welding_technology.pdf) You can also access this information by typing the following URL into your browser's address bar:  
[http://www.jalc.edu/gainful\\_employment/welding\\_technology/Gedt.html](http://www.jalc.edu/gainful_employment/welding_technology/Gedt.html)

#### The Welding Program is accredited by:

#### 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.

*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.*

### FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
MAC	180	Blueprint Reading	3	_____
WEL	157	Arc Welding IV	1	_____
WEL	158	Arc Welding V	1	_____
WEL	159	Arc Welding	1	_____
WEL	160	M.I.G. Welding	2	_____
WEL	161	Cored Wire Welding	2	_____
WEL	162	T.I.G. Welding	1	_____
WEL	163	Weld Testing & Inspection	2	_____
			13	