



**WELDING TECHNOLOGY  
Certificate Program**

Career Curriculum 00WEL0060  
Certificate Program  
Minimum Hrs. 27  
Major Code: 1.2 480508T

**FIRST YEAR – FALL SEMESTER**

Dept.	No.		Hrs.	Gr.
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	___
			<u>14</u>	

**FIRST YEAR – SPRING SEMESTER**

Dept.	No.		Hrs.	Gr.
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	___
			<u>13</u>	

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)

*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.*

**Effective Date: Fall 2008  
Rev. 03/2012**

**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.