



**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>	—

*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

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.