

Associate in Applied Science

Toward a Degree in

Welding Technology

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
MAT	113	OR MAT 100 Mathematics for Applied Technologies	3	_____
IND	201	Metallurgy	2	_____
WEL	120	OXYFUEL Welding, Cutting & Brazing	3	_____
WEL	121	SMAW (STICK) Plate Welding I	3	_____
WEL	122	GMAW(MIG) Plate Welding	3	_____
			15	

NOTES AND INFORMATION

Fall only courses:

IDM 210
MAC 200

¹ Requires a grade of "C" or higher.

Prerequisite: **OSHA 10-hour General Certification**

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
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 and Inspection	4	_____
			16	

Career Opportunities: Upon successful completion of the AAS degree, 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.

JALC Welding Program is an educational member of:

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



John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and timelines of this document.

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IDM	210	Hydraulics and Pneumatics	3	_____
MAC	200	Machine Tool Laboratory	4	_____
COM	115	Speech	3	_____
DRT	185	Computer Graphics I	2	_____
WEL	126	SMAW(STICK) Welding III	3	_____
WEL	127	Welding & Metal Fabrication	3	_____
			18	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
		CMG 107 Construction Document Interpretation	3	_____
		IAI Physical/Life Science OR IAI Humanities/ Fine Arts Elective	3-5	_____
		IAI Social and Behavioral Science Elective	3	_____
WEL	128	Pipe Welding	4	_____
WEL	129	GTAW(TIG) Welding II	3	_____
			16-18	