

PROGRAM PLANNING GUIDE

**WELDING TECHNOLOGY
A50420**

Replaces Curriculum Schedule with Revision Date: FA2016

Date Revised: FA2017

CURRICULUM BY SEMESTER

Course No.			Course Title			Hours Per Week		
						Class	Lab	Credits
Fall Semester 1								
WLD	110	Cutting Processes				1	3	2
WLD	115	SMAW (Stick) Plate				2	9	5
WLD	141	Symbols & Specifications				2	2	3
ELC	127	Software for Technicians				1	2	2
ENG	110	Freshman Composition				3	0	3

Spring Semester 1								
WLD	116	SMAW Stick Plate/Pipe				1	9	4
WLD	131	GTAW (TIG) Plate				2	6	4
COM	110	Introduction to Communication				3	0	3
MAT	110	Mathematical Measurement				2	2	3

Summer Semester 1								
WLD	132	GTAW (TIG) Plate/Pipe				1	6	3
WLD	261	Certification Practices				1	3	2
WLD	262	Inspection & Testing				2	2	3
		Major Elective 1				-	-	2

Fall Semester 2								
WLD	121	GMAW (MIG) FCAW/Plate				2	6	4
MEC	161	Manufacturing Processes I				3	0	3
PSY	118	Interpersonal Psychology				3	0	3
		Major Elective 2				-	-	3

Spring Semester 2								
WLD	151	Fabrication I				2	6	4
WLD	122	GMAW (MIG) Plate				1	6	3
HUM	121	The Nature of America				3	0	3
ISC	112	Industrial Safety				2	0	2
ACA	220	Professional Transition				1	0	1

Graduation Requirement Credit Hours: 65

MAJOR ELECTIVES

Course No.			Course Title			Hours Per Week		
						Class	Lab	Credits
Major Electives			Credit Hours Needed:			5		
BUS	110	Introduction to Business				3	0	3
DFT	151	CAD I				2	3	3

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DFT	152	CAD II	2	3	3
DFT	170	Engineering Graphics	2	2	3
MEC	180	Engineering Materials	2	3	3
PHY	121	Applied Physics I	3	2	4
WBL	111	Work-Based Learning I	0	10	1