

PROGRAM PLANNING GUIDE

**WELDING TECHNOLOGY
A50420**

Replaces Curriculum Schedule with Revision Date: FA2017

Date Revised: FA2018

CURRICULUM BY SEMESTER					
			Hours Per Week		
Course No.	Course Title		Class	Lab	Credits
Fall Semester 1					
WLD	110	Cutting Processes	1	3	2
WLD	115	SMAW (Stick) Plate	2	9	5
WLD	121	GMAW (MIG) FCAW/Plate	2	6	4
WLD	141	Symbols & Specifications	2	2	3
ENG	110	Freshman Composition	3	0	3
Spring Semester 1					
WLD	116	SMAW Stick Plate/Pipe	1	9	4
WLD	122	GMAW (MIG) Plate	1	6	3
WLD	131	GTAW (TIG) Plate	2	6	4
MAT	110	Mathematical Measurement	2	2	3
Summer Semester 1					
WLD	132	GTAW (TIG) Plate/Pipe	1	6	3
WLD	151	Fabrication I	2	6	4
WLD	262	Inspection & Testing	2	2	3
Fall Semester 2					
ISC	112	Industrial Safety	2	0	2
WLD	215	SMAW (Stick) Pipe	1	9	4
PSY	118	Interpersonal Psychology	3	0	3
		Major Elective	-	-	3
Spring Semester 2					
WLD	231	GTAW (TIG) Pipe	1	6	3
WLD	265	Automated Welding/Cutting	2	6	4
HUM	121	The Nature of America	3	0	3
COM	110	Introduction to Communication	3	0	3
Graduation Requirement Credit Hours:					66

MAJOR ELECTIVES					
			Hours Per Week		
Course No.	Course Title		Class	Lab	Credits
Major Electives			Credit Hours Needed:		3
BUS	110	Introduction to Business	3	0	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
WBL	112	Work-Based Learning I	0	20	2