



WELDING

CERTIFICATE, 60 Hours

Sample Course Schedule*

First Semester

WDT108	SMAW Fillet/OFC	3
WDT122	SMAW Fillet/OFC Lab	3
WDT109	SMAW Fillet/PAC/CAC	3
WDT123	SMAW Fillet/PAC/CAC Lab	3
MAH101	Introductory Mathematics I	3
ORT111	Orientation	1
		<u>16</u>

Second Semester

WDT120	Shielded Metal Arc Welding Groove	3
WDT125	Shielded Metal Arc Welding Groove Lab	3
WDT119	Gas Metal Arc/Flux Cored Arc Welding	3
WDT124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
COM100	Introductory Technical English I	3
		<u>15</u>

Third Semester

DPT103	Introductory Computer Skills II	3
WDT200	Visual Inspection	2
WDT217	SMAW Carbon Pipe	3
WDT257	SMAW Carbon Pipe Lab	3
WDT110	Industrial Blueprint Reading	3
SPC103	Oral Communication Skills	3
		<u>17</u>

Fourth Semester

WDT116	GTAW Stainless Pipe	3
WDT156	GTAW Stainless Pipe Lab	3
WDT228	Gas Tungsten Arc Welding	3
WDT268	Gas Tungsten Arc Lab	3
		<u>12</u>

*This is a sample course sequence. Courses scheduled each semester may vary according to student progress and the need for developmental classes.

Certificate Requirements

GENERAL EDUCATION COURSES	13 HOURS
ENG101: English Composition I* <u>OR</u> COM100: Introductory Technical English I	3 HOURS
ORT111: Orientation <u>OR</u> ORI101: Orientation*	1 HOUR
CIS146: Microcomputer Applications* <u>OR</u> DPT103: Introductory Computer Skills II	3 HOURS
SPH106: Fundamentals of Oral Communication* <u>OR</u> SPC103: Oral Communication Skills	3 HOURS
MTH100: Intermediate College Algebra <u>OR</u> MTH112: Precalculus Algebra** or higher <u>OR</u> MAH101: Introductory Mathematics I	3 HOURS

PROGRAM MAJOR COURSES	47 HOURS
WDT108: SMAW Fillet/OFC	3 HOURS
WDT109: SMAW Fillet/PAC/CAC	3 HOURS
WDT110: Industrial Blueprint Reading	3 HOURS
WDT116: GTAW Stainless Pipe	3 HOURS
WDT119: Gas Metal Arc/Flux Cored Arc Welding	3 HOURS
WDT120: Shielded Metal Arc Welding Groove	3 HOURS
WDT122: SMAW Fillet/OFC Lab	3 HOURS
WDT123: SMAW Fillet/PAC/CAC Lab	3 HOURS
WDT124: Gas Metal Arc/Flux Cored Arc Welding Lab	3 HOURS
WDT125: Shielded Metal Arc Welding Groove Lab	3 HOURS
WDT156: GTAW Stainless Pipe Lab	3 HOURS
WDT200: Visual Inspection	2 HOURS
WDT217: SMAW Carbon Pipe	3 HOURS
WDT228: Gas Tungsten Arc Welding	3 HOURS
WDT257: SMAW Carbon Pipe Lab	3 HOURS
WDT268: Gas Tungsten Arc Lab	3 HOURS

*High school graduates, including students with a GED, are eligible to take these courses. Students may wish to pursue an associates degree or higher at a later time and should note that courses marked with an asterisk are transferrable.

**MTH100 does not satisfy transfer requirements for mathematics in Area III but will transfer as an elective in Area V.