

WELDING TECHNOLOGY CERTIFICATE 30626

Course	Requirement Field	Credits	Notes
Fall - 1st Semester			
AMT 102 Materials for Industry	Curriculum Related Option	3	Fall only
AMT 101 Fundamentals of Machining	Curriculum Related Options	2	Fall only
AMT 110 Introduction to Fab Lab Technology	Curriculum Related Options	2	Fall/Spring offered
TEC 133 Safety Practices for Industry	Core Curriculum	1	Fall only
WLD 101 Welding	Core Curriculum	3	Fall/Spring offered
WLD 108 Welding and Metal Fabrication	Core Curriculum	3	Fall only
Total Hours		14	

Course	Requirement Field	Credits	Notes
Spring - 2nd Semester			
CMP 101 Introduction to Computers OR	Curriculum Related	3	Spring/Fall offered
CMP 103 Introduction to Computer Based Systems			
DRF 150 Dimensioning and Tolerancing	Core Curriculum	2	Spring only
DRF 154 Introduction to AutoCAD	Curriculum Related	2 to 3	Only offered 2 cr. in Spring
WLD 211 Pipe Welding	Core Curriculum	3	Spring only Prerequisite: WLD 101 or WLD 108 or Instructor Approval
WLD 260 Flux Cored Arc and Gas Metal Arc Welding	Core Curriculum	3	Spring only Prerequisite: WLD 101 or WLD 108 or Instructor Approval
WLD 270 Technical Welding	Core Curriculum	3	Spring only Prerequisite: WLD 101 or WLD 108 or Instructor Approval
WLD 290 Welding Certification	Core Curriculum	1	Prerequisite: Concurrent enrollment in WLD 260 or WLD 270 or Instructor Approval; Spring offered
Total Hours		17-18	

Total Hours	30
Total Curriculum Requirements (Core)	19
Total Related Curriculum	12

Notes: ¹The foregoing is a recommended, or suggested, sequence of courses. Of course, if a student enters the program in the spring, or transfers credit in, the above would have to be modified.

All courses must be completed with a grade of "C" or better--Be sure to check the catalog for other changes and requirements.

Curriculum Related Options

AMT 101 Fundamentals of Machining	2 credits
AMT 102 Materials for Industry	3 credits
AMT 110 Introduction to Fab Lab Technology	2 credits
CMP 101 Introduction to Computers OR	
CMP 103 Introduction to Computer Based Systems	3 credits
COE 111 Cooperative Education I (Occupational)	1 to 4 credits
DRF 154 Introduction to AutoCAD	2 to 3 credits
WLD 280 Advanced Arc Welding	3 credits