



Academic Pathway to:  
**Welding Technology**

Certificate  
Code: 2275  
Length: 1050 Clock Hours

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Testing: As per FL. Rule 6A-10.040, students enrolled in a postsecondary program offered for career education credit of 450 hours or more shall complete the entry-level basic skills examination (TABE) within the first six weeks after admission into the program.

**ENTRANCE REQUIREMENTS**

1. Must be at least 17 years of age, and must turn 18 years of age before achieving A-Welder, helper to be eligible for hire by industry.
2. Must submit completed Admission Application with copies of the appropriate residency documents.

COURSE	TITLE	Hours
VPI 0100V <sup>1</sup>	Vocational Preparatory: Reading	
VPI 0200V <sup>1</sup>	Vocational Preparatory: Math	
VPI 0300V <sup>1</sup>	Vocational Preparatory: Language	
PMT 0101V	Welding Symbols & Blueprints	90
PMT 0104V	Fundamentals of Metallurgy	90
PMT 0750V	Fundamentals of Metallurgy Lab	30
PMT 0111V	Oxygen/Fuel Gas Process	30
PMT 0121V	Shielded Metal Arc Welding Principles	90
PMT 0751V	Shielded Metal Arc Welding Lab 1	90
PMT 0752V	Shielded Metal Arc Welding Lab 2	90
PMT 0131V	Gas Tungsten Arc Welding Principles	90
PMT 0137V	Gas Tungsten Arc Welding Lab1	90
PMT 0134V	Gas Metal Arc Welding	90
PMT 0138V	Gas Tungsten Arc Welding Lab 2	90
PMT 0153V	Plasma Arc Skills	30
PMT 0143V	Flux Cored Arc Welding	90
PMT 0164V	Welding Fabrication Fundamentals	30
PMT 0936V	Special Topics in Welding Technology	Various
<b>TOTAL</b>		<b>1050 Clock Hours</b>

<sup>1</sup> Students who have satisfactory TABE test scores are not required to take these courses.

*While academic advisors, faculty and staff provide significant academic planning and related assistance to students, completion of all degree requirements, and the process of monitoring progress to that end, is ultimately the responsibility of the student.*