

Postsecondary Program: Applied Welding Technologies- PSAV

Eligible Recipient: WTI



16 CORE CURRICULUM CREDITS

8 ADDITIONAL CREDITS

ENGLISH

4 credits

MATH

4 credits

SCIENCE

3 credits, 2 with lab

SOCIAL STUDIES

3 credits

OTHER REQUIRED COURSES

Fine Arts 1 credit

Physical Education 1 credit

CAREER AND TECHNICAL EDUCATION COURSES

Career Cluster of interest identified by students enrolled in required middle school career education course that includes interest assessment and career exploration through CHOICES and ePersonal Education Planner through FACTS.org.

HIGH SCHOOL

9	English I Or Higher	Algebra I Or Higher	Earth/Space Science	Business Technology Ed Core	Physical Education 1 credit	Applied Welding Technologies 1
10	English II Or Higher	Geometry Or Higher	Biology	World History	Fine Arts 1 credit	Applied Welding Technologies 2
11	English III Or Higher	Algebra II Or Higher	Chemistry	American History	Elective or Dual Enroll	Applied Welding Technologies 3
12	English IV Or Higher	Pre-Calculus Or Higher	Elective	American Gov't and Economics	Elective or Dual Enrollment	Applied Welding Technologies 4

Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements; see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

POSTSECONDARY

Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

COMMUNITY TECHNICAL AND ADULT EDUCATION	COLLEGE OF CENTRAL FLORIDA	UNIVERSITY
	<p>AS: Business Administration A.S. to B.S. Career Ladder, Business Management—Marketing and Administration</p> <p>Certificate Programs: Business Operations (18ch), Business Administration—Business Management (24ch), Business Administration—Small Business/Entrepreneurship (24ch)</p>	<p>UCF- B.A. Business Administration</p> <p>UNF- Coggin College of Business-various majors and minors</p> <p>St. Leo University- B.A. Business Administration</p> <p>UF- B.S. Business Administration, B.A. Business Administration</p>

CAREER

SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.)

Welder, Flame Cutter, Tack Welder, Welder Assembler, Arc Cutter, Arc Welder, Combination Welder and Production Line Welder	Welder, Flame Cutter, Tack Welder, Welder Assembler, Arc Cutter, Arc Welder, Combination Welder and Production Line Welder	Welder, Flame Cutter, Tack Welder, Welder Assembler, Arc Cutter, Arc Welder, Combination Welder and Production Line Welder
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CREDIT

ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES

Secondary to Technical Center (PSAV)	Secondary to College Credit Certificate or Degree	PSAV/PSV to A.A.S./A.S. to B.S./B.A.S.
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*Possible Industry Certifications for College Credit:

Secondary:	NONE
Postsecondary:	NONE

**POSTSECONDARY
ARTICULATION**

certification or portfolio for credit. Students must complete 12 credit hours at CF before credits will be documented on CF transcript. Students must complete the secondary program of study

High School Course(s)	CF Course(s)	Vocational Credits
Applied Welding Technologies 1 and 2	PMT 0930L Welding Skill Dev. Lab (2+2)	4
Applied Welding Technologies 3 and 4	PMT 0102 Intro to Welding (4)	4

PSAV in Applied Welding Technologies: Total 39 Vocational Credit Hours

Program Core Courses (39 credits)			
	PMT 0102 Introduction to Welding	PMT 0131 Gas Tungsten Arc Welding	PMT 0121 Shielded Metal Arc Welding
	PMT 0111 Oxyacetelyne Welding	PMT 0131 Gas Tungsten Arc Welding	PMT 0134 Gas Metal Arc Welding
	PMT 0121 Shielded Metal Arc Welding	PMT 0161 Pipe Welding	
	PMT 0930L Welding Skill Development Lab	PMT 0161 Pipe Welding	
	PMT 0930L Welding Skill Development Lab	PMT 0161 Pipe Welding	
	PMT 0930L Welding Skill Development Lab	PMT 0161 Pipe Welding	

The A.S. to B.S. model provides students the opportunity for a seamless transfer to a bachelor's degree program. Students wishing to transfer any credits from this program to another institution or related area program must accept the responsibility for approval in advance to the transfer institution.

*Students who pass Microsoft certifications may be awarded additional credits.

See the Bright Futures website: https://www.osfaffelp.org/bfiehs/fnbpcm02_CCTMain.aspx