


School: Bradford-Union Technical Center								
Career Cluster: Manufacturing				CTE Program: Welding Technology Fundamentals				
Career Cluster Pathway: Maintenance, Installation and Repair				Industry Certification: NCCER Welder - Level 1, Level 2, Level 3; Certified Welder				
HIGH SCHOOL		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	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)
	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a>.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program.</li> </ul>							
	9 <sup>th</sup>	Please see Graduation Checklist*	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist		Welding Technology Fundamentals 1	Foreign Language for SUS admission or other elective appropriate for student's career and education plan.
	10 <sup>th</sup>	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Physical Education (1 credit) (Not required for ACCEL Program)	Welding Technology Fundamentals 2	
	11 <sup>th</sup>	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Practical Arts or Fine Arts course (1 credit)	Welding Technology Fundamentals 3	
12 <sup>th</sup>	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist	Please see Graduation Checklist		Welding Technology Fundamentals 4	Welding Technology Fundamentals Capstone	
POST SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	Bradford-Union Technical Center Welding Technology PSAV		Santa Fe College Welding Technology Certificate			University of Florida BS Materials Science & Engineering		
CAREER	Sample Career Specialties							
	Welder – Pipe, Shielded Metal Arc, Gas Metal Arc, Flux Cored Arc, Gas Tungsten Arc,		Welder – Pipe, Shielded Metal Arc, Gas Metal Arc, Flux Cored Arc, Gas Tungsten Arc,			Welding Technician, Welding Supervisor, Welding Inspector, Welding Instructor, Welding Engineer, Mechanical Engineer		

\* Graduation checklists for student cohorts by year can be found on the FLDOE website at: <http://www.fldoe.org/academics/graduation-requirements/index.shtml>

From 2011-2015, specific required courses within each subject area of the 16 Core Curriculum credits changed according to the year students entered grade 9.

Career and Technical Student Association	Internship/Work Experience Recommendations
SkillsUSA	Local welding companies and manufacturers.

ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES	
<b>Secondary to Technical Center (PSAV)</b>	
<i>Articulation in review</i>	
<b>Secondary to College Credit Certificate or Degree</b>	
<b>CREDIT</b>	<i>Articulation in review</i>
	<b>PSAV/PSV to AAS or AS/BS/BAS</b> Statewide articulations: N/A SF articulation: N/A