

Welding Technology 4 Year Plan					
Certificate Level 1 Structural Welding					
Courses		9th Grade	10th Grade	11th Grade	12th Grade
ENGLISH	1	English I (Honors Optional)	English II (Honors Optional)	English III (AP Optional)	English IV (AP or Dual Credit Optional)
MATH	2	Algebra (Honors Optional)	Geometry (Honors Optional)	Algebra 2 (Honors Optional)	Statistics or PreCalculus (Honors Optional)
SCIENCE	3	Biology (Honors Optional)	Chemistry (Honors Optional)	Principles of Technology (Honors Optional)	Environmental Science (Honors Optional)
SOCIAL STUDIES	4	World Geography (Honors Optional)	World History (Honors Optional)	U.S. History (Dual Credit)	U.S. Government and Personal Financial Literacy
ELECTIVE	5	SPANISH 1	SPANISH 2	CTE Elective	CTE Elective
ELECTIVE	6	ATHLETICS/P.E.	FINE ART (Digital Animation/Band/Theatre)	CTE Elective	CTE Elective
ELECTIVE	7	CTE Elective	CTE Elective	PATH 3 PTECH	PATH 4 PTECH
ELECTIVE	8	PATH 1 PTECH TECM 1303 Technical Calculations WLDG 1313 Intro. to Blueprint Reading for Welders	PATH 2 PTECH WLDG 1407 Intro to Welding Using Multiple Processes WLDG 1428 Intro to Shielded Metal Arc Welding	WLDG 1457 Intermediate Shielded Metal Arc Welding WLDG 1434 Intro to Gas Tungsten Arc Welding WLDG 1417 Intro to Layout and Fabrication	WLDG 2413 Intermediate Welding Using Multiple Processes WLDG 2435 Adv. Layout and Fabrication WLDG 2443 Adv. Shielded Metal Arc Welding