



Tech Prep Six-Year Plan
Repair & Manufacturing (Welding Technology) A.A.S.
48.0508



Consortium: Alamo Region
 College: St. Philips



ISD: NORTH EAST

HIGH SCHOOL					College			
SUBJECT	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	FRESHMAN		SOPHOMORE	
English (4)	English I	English II	English III	English IV	WLDG 2439 Advanced Oxy-Fuel Welding (4)	WLDG 2543 Advanced Shielded Arc Welding (5)	WLDG 2551 Advanced Gas Tungsten Arc Welding (5)	WLDG 2553 Advanced Pipe Welding (5)
Math (3)	Algebra I	Geometry	Algebra II					
Science (3)	Physical Science	Chemistry	Physics or Principles of Technology	Elective	WLDG 1428 Intro to Shielded Arc Welding (4)	1534 Introduction to Gas Tungsten Arc Welding (5)	WLDG 1430 Intro to Gas Tungsten Arc Welding (4)	WLDG 2447 Advanced Gas Arc Welding (4)
Social Studies (3)	World Geography	World History	U.S. History	Government / Economics				
Physical Education (1.5)/ Health (0.5)	Physical Education	Physical Education and Health			* ITSC 1301 Introduction to Computers (3)	WLDG 1417 Intro to Layout and Fabrication (4)	WLDG 2435 Adv. Layout and Fabrication (4)	WLDG 2488 Internship- Welder/Welding Technologist (4)
Speech (0.5)/Fine Arts (1)			Fine Arts	Speech				
Technology Applications (1)		Business Computer Information Systems I (1/2-1) (BEGBCIS1) <u>12011200</u> * ITSC 1301 (3)			SPCH 1321 Business/Professional Speech (3)	PHYS 1305 Intro to Physics I (3)	ENGL 1301 Freshman Computation (3)	Math 1373 College Mathematics (3)
Languages (2)	Foreign Language I	Foreign Language II						
Electives (3.5)			Welding I (2-3) WLDNG <u>12557901</u> * WLDG 2439 (4)	Welding II (2-3) WLDNG2 <u>12557902</u> * WLDG 1428 (4)	Summer			
					WLDG 1413 Intro to Blueprint Reading for Welders	GOVT 2301 American/Texas (3)		

* Denotes articulated courses. College credit will be awarded when the requirements listed under II.A. (1)(2) of the Student Responsibilities have been met and a grade of ____ is earned as required in II.A.(3).