



Program of Study (POS): Welding Technology Classification of Instructional Program (CIP): CIP 48.0508

Topic	Information	Resources
Classroom tests	Written safety and math tests	
Midterm and/or final	Final written examinations and a State assessment test; written and performance sections of the	
exams	NOCTI for 12th grade students, that are eligible.	
Industry certification	S/P2-Welding; Safety Training	
tests and costs	OSHA 10/ Safety Training AWS Welder Qualification/Certification Offered with instructor recommendation and meeting required criteria. Cost \$50.00	
Number of books	2: Welding Level 1, Trainee Guide, 5 th Edition, Pearson Welding Level 2, Trainee Guide, 5 th Edition, Pearson	NCCER
Direct instruction (%)	10% Theory 90% Performance	Theory room Shop/Lab
Cooperative education	Available to students who qualify, typically individuals in their 3rd year and in grade 12.	Mrs. Stacey Caudill, Work-Based Learning Coordinator: 412.469.3200, x2542
Homework	NONE at this time	
Task list	CIP 48.0508	PDE <u>www.education.pa.gov</u> (search "CIP POS task lists")
Prerequisites	Completion of grade 9	
Reading levels	End of 9 th grade level	
Math levels	End of 9th grade level	
Program requirements	Work boots (steel toes not required), Fire rated shirt and pants or 100% cotton pants/12oz. denim pants, long sleeve shirt-	
and related costs (required and optional)	100% cotton, welders' cap. Long sleeve fire rated jacket,	
(required and optional)	welders' gloves, welding helmet and cutting goggles. Safety glasses will be issued. Approximate cost: \$100.00 to \$150.00	
Dual enrollment	NONE at this time	Mr. Shannon Hinkle, Counselor: 412.469.3200, x2517
Articulation agreements	Pittsburgh Technical College, Rosedale Technical Institute Triangle Tech, Community College of Allegheny County	Mr. Shannon Hinkle, Counselor: 412.469.3200, x2517
Essential aptitudes and	Basic math, blueprint reading and reading skills required.	
skills	Must have manual dexterity, good eyesight and good eyehand coordination. Ability to concentrate on detailed work for long periods. Must be able to handle, position, move materials and lift up to 50 lbs.	
Work environment	Work in noisy/dusty atmospheres with high ambient temperatures. Long periods of standing. Work in awkward positions, including bending, stooping, or working overhead. Power equipment operation and power hand tools.	