



Academic Map
Welding Technology
Combination and Pipe Welding – Level I Certificate
 (CIP 48.0508)

For timely completion of certificate requirements, students must follow the guidelines below. Contact the Program Director for the most up-to-date course schedules.

Students who plan to pursue this certificate path may not register for Academic or Technical Courses offered outside of stated certificate requirements.

Courses	
Semester I	Hours
WLDG 1412 Introduction to Flux Cored Arc Welding (FCAW)	4
WLDG 1413 Introduction to Blueprint Reading for Welders	4
WLDG 1428 Introduction to Shielded Metal Arc Welding (SMAW)	4
Semester II	
WLDG 1457 Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG 1435 Introduction to Pipe Welding	4
WLDG 1417 Introduction to Layout and Fabrication	4
WLDG 1434 Introduction to Gas Tungsten Arc Welding (GTAW)	4
Semester III	
WLDG 2453 Advanced Pipe Welding (Capstone Course)	4
WLDG 2451 Advanced Gas Tungsten Arc Welding (GTAW)	4
WLDG 2452 Advanced Flux Cored Arc Welding (FCAW)	4
40 Semester Credit Hours	

Choose. Connect. Complete.