Kentucky CTE

Advanced Manufacturing: Welding Technology: GMAW Aluminum Lab 480534 (2026–2027)

Practice and perform safe shop procedures at all times. 1	1 Practice and perform safe shop procedures at all times. 1
Apply the technical math required for employment opportunities in welding. 2	2 Apply the technical math required for employment opportunities in welding. 2
Perform all duties with emphasis on integrity, responsibility, quality, discipline and teamwork. 3	3 Perform all duties with emphasis on integrity, responsibility, quality, discipline and teamwork. 3
Weld fillet and groove welds on an aluminum plate in all positions using GMAW-S. 4	4 Weld fillet and groove welds on an aluminum plate in all positions using GMAW-S. 4
Weld fillet and groove welds on an aluminum plate in all positions using spray transfer GMAW. 5	5 Weld fillet and groove welds on an aluminum plate in all positions using spray transfer GMAW. 5
Weld fillet and groove welds on aluminum pipe in all positions. 6	6 Weld fillet and groove welds on aluminum pipe in all positions. 6