Kentucky CTE

Advanced Manufacturing: Welding Technology: Cutting Processes and Lab 480501 (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
Practice cutting processes safety procedures. 4	4 Practice cutting processes safety procedures. 4
Discuss the welding theories of operation. 5	5 Discuss the welding theories of operation. 5
Discuss setup and operating techniques. 6	6 Discuss setup and operating techniques. 6
Apply principles of troubleshooting and making minor eq	7 Apply principles of troubleshooting and making minor equipment repairs. 7

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Identify, evaluate, repair, and prevent reoccurrence of discontinuities of cut surfaces. 8

8 **Identify, evaluate, repair, and prevent reoccurrence of discontinuities of cut surfaces.** 8