Course Syllabus

Advanced Gas Tungsten Arc Welding (GTAW)
WDLG 2451

Course Description: Advanced topics in GTAW welding, including welding in various positions and directions.

Semester Hours Credit: 4

Lecture/Lab Hours: This class meets for (2) lecture and (6) lab hours per week

Prerequisite: Advanced Level

Textbook(s): Gas Tungsten Arc Welding Handbook, William H. Minnick
Modern Welding, Althouse, Turquist, & Bowditch

Student Learning Outcomes: Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection.

Evaluation Methods:
1. Attendance
2. Lab tests and lab performance
3. Destructive method using a guided bend tester
4. Written Exams
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See at: [GL (Legal)]

**Special Needs Services:** Students with special needs, including physical and learning disabilities, who wish to request accommodations in this course should contact the Student Development Office as soon as possible to make arrangements; this should occur no later than the second week of class or as soon as the student has the documentation on the disability and requested accommodation per a certified medical or psychological professional. In accordance with federal law, a student requesting accommodations must provide documentation of disability to the Student Development Advisor.

For more information, contact: in Alice at sdalice@coastalbend.edu; Beeville at sdbeeville@coastalbend.edu; Kingsville at sdkingsville@coastalbend.edu; and Pleasanton at sdpleasanton@coastalbend.edu.

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See at: [FLB (Local)] and [FM (Local)].

See the [Student Handbook] for further explanation of Scholastic Dishonesty.

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NOTE: The College website (www.coastalbend.edu) serves as the main source with the most current version of the Coastal Bend College Board Policies and the Coastal Bend College Catalog.