



**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](mailto:sdalice@coastalbend.edu); Beeville at [sdbeeville@coastalbend.edu](mailto:sdbeeville@coastalbend.edu); Kingsville at [sdkingsville@coastalbend.edu](mailto:sdkingsville@coastalbend.edu); and Pleasanton at [sdpleasanton@coastalbend.edu](mailto: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](http://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.