



**Course Syllabus**

**Advanced Gas Metal Arc Welding (GMAW)  
WDLG 2447**

- Course Description:** Advanced topics in Gas Metal Arc Welding (GMAW). Includes welding in various positions.
- 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 Metal Arc Welding Handbook, William H. Minnick
- Student Learning Outcomes:** Demonstrate proficiency in various welding positions; describe safety rules and equipment use; and describe the effects of welding parameters in GMAW; weld various joint designs and 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



**ADA Statement:** No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the College District, or be subjected to discrimination by the College District. Nor shall the College District exclude or otherwise deny equal services, programs, or activities to an individual because of the known disability of an individual with whom the individual is known to have a relationship or association. 42 U.S.C. 12132; 28 CFR 35.130(g).

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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Coastal Bend College



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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.