



Course Syllabus

Advanced Emission Systems Diagnostics

AUMT 2443

Course Description: Diagnosis and repair of emission control systems with emphasis on the application of advanced diagnostic information, tools, and techniques. Course will include state and federal laws required for preparation for licensing. May be taught manufacturer specific.

Semester Hours Credit: 4

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

Prerequisite: Advanced

Textbook(s): Automotive Technology, Erjavec, Jack. 5th ed. ISBN#9781428311

Student Learning Outcomes: Diagnosis and repair emission control systems; comply with Federal, state, and local laws and regulations; and use advanced emission controls diagnostic equipment.

Evaluation Methods:

- Written Exams
- Classroom Participation
- Lab Work
- Safety Practices

GRADING PROCEDURES:

Classroom (Test and Participation)	30%
Lab Project Completion and Safety	30%
Attendance	20%
Final Exam	20%



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; Beeville at sdbeeville@coastalbend.edu; Kingsville at sdkingsville@coastalbend.edu; and Pleasanton at sdpleasanton@coastalbend.edu.

Academic Dishonesty: Each student is charged with notice and knowledge of the contents and provisions of Coastal Bend College's rules and regulations concerning student conduct. All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Coastal Bend College Policies FLB (Local) and FM (Local). Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion.

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) serves as the main source with the most current version of the Coastal Bend College Board Policies and the Coastal Bend College Catalog.