



Course Syllabus

**Introduction to the Petroleum Industry
PTRT 1301**

Course Description: An introduction to the various aspects of petroleum industry including equipment, systems, instrumentation, operations, and the various scientific principles. Addresses a variety of petroleum technologies: exploration, drilling, production, transportation, marketing, and chemical processing industries.

Semester Hours Credit: 3

Lecture/Lab Hours: Class meets for (3) lecture hours per week

Prerequisite: Introductory

Textbook(s): The Petroleum Industry, Charles F. Conaway ISBN: 978-0-87814-763-2

Student Learning Outcomes: Students will have an integral knowledge of the different parts of the industry as follows origin of oil and gas, exploration, reservoir performance, drilling, formation evaluations, production, transportation, marketing, and refining.
The Student will learn:

1. The origin of oil and gas.
2. The different rock formations that oil and gas are produced in.
3. Surface geology and the cost involved in drilling a well.
4. Exploration geology and the cost involved in drilling a well.
5. Reservoir performances.
6. Drilling basics.
7. Formation evaluations.
8. Basic knowledge of production.
9. Different methods of transportation of oil and gas.
10. Marketing and refining of oil and gas.

Evaluation Methods: Will be based on the following criteria:

Tests & Assignments	75%
Final Exam	25%

A-100-90 Points, B 89-80, C 79-70, D 69-60, F 59 & Below



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.