

PTRT 1301
Introduction to Petroleum

Western Texas College

- I. Basic Course Information
 - A. An introduction to the various aspects of petroleum industry including equipment, systems, instrumentation, operations, and the various scientific principles.
 - B. Addresses a variety of petroleum technologies: exploration, drilling, production, transportation, marketing, and chemical processing industries.
- II. Student Learning Outcomes
 - A. Identify the concepts of exploration, production, refining, marketing, and transportation.
 - B. Describe the terms and phrases associated with the petroleum industry.
- III. Major Course Requirements
 - A. Complete course assignments / quizzes
 - B. Lab participation
 - C. Attendance
 - D. Test(s)
 - E. Final exam
- IV. Information on Books and Other Course Materials
 - A. Book: Fundamentals of Petroleum, 5th ed. PETEX Publication ISBN: 0-88698-231-6
- V. Other Policies, Procedures and Important Dates
 - A. Please refer to the WTC Course [Catalog](#)
- VI. Course Organization and Schedule
 - A. Disclaimer: Schedule, content and grading percentages are subject to change at the instructor's discretion.
- VII. Grading

Course homework/quizzes	35%
Lab participation	35% (10% attendance)
Test	15%
Final Exam	15%
- VIII. Weekly Schedule (Contents subject to change)

Introduction	Introduction: The Demand For Oil
Chapter 1	Chapter 1.1 Petroleum Geology
	Chapter 1.2 Petroleum Exploration
	Chapter 1.2 Continued

	Chapter 1.3 Mineral Rights and Leasing
	Test 1
Chapter 2	Chapter 2.1 Drilling Operations
	Chapter 2.1 Land Rigs
	Chapter 2.1 OffShore Rigs
	Test 2
Chapter 3	Chapter 3.1 Production practices
	Chapter 3.2 Remote Production
	Chapter 4.1 Transportation
	Chapter 4.1 Refining and Processing
	Chapter 5.2 Environmental, Health and Safety Concerns
	Final

Last Modified: August 29, 2016