

MIDLAND COLLEGE
SYLLABUS
PTRT 1307
RECOVERY AND PRODUCTION METHODS
3-0

Course Description: Petroleum recovery and production methods.

Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity will be reported as never attended and dropped from the course.

Text, References and Supplies:

These are recommended textbooks for student reference—not required

Oil and Gas Lease Operations by Kenneth G Johnson

Publication Date: April 12, 2012 | ISBN-10: 1475186568 | ISBN-13: 978-1475186567

Oil & Gas Production in Nontechnical Language by Martin S Raymond

Publication Date: October 10, 2005 | ISBN-10: 1593700520 | ISBN-13: 978-1593700522

OIL+GAS PRODUCTION HANDBOOK; Author: DEVOLD; Publisher: LULU.COM; Edition: 17;
ISBN: 9781105538643

Recommended: **Fundamentals of Petroleum**, Kate Van Dyke PETEX, 5th edition, 1997; ISBN-9780886982317

Learning Objectives:

1. Identify surface equipment methods used to capture production
2. Describe natural reservoir drive mechanisms
3. Describe artificial lift and recovery methods
4. Able to interpret tank gauge books and lact tickets
5. Understand basic RRC well status
6. Understand basic safety concerns

Course Policy:

All assignments and quizzes reflect only individual efforts unless the instructor specifically requests team or group collaboration.

Drop Policy: It is the student's responsibility to drop this course if circumstances develop that prevents his/her completion of the course. The Instructor will drop any student for non-participation. After that date the student must request withdrawal from counselors in Student Services. Instructors no longer have the prerogative of awarding the letter grade of "W".

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Evaluation of Students:

Participation	15%
Homework	20%
Quizzes	25%
Lab	15%
Final Exam	<u>25%</u>
Total	100%

90 and above	A
80-89	B
70-79	C
60-69	D
59 and below	F

Course Schedule: This class meets for 3 lecture hours.

SCANS Information: SCANS skills are taught and/or reinforced in energy/petroleum courses. The student must locate, read, interpret and understand instruction information and direction materials. The participant must communicate thoughts, ideas and information through verbal and written mediums. Practical arithmetic and mathematics will apply continually throughout energy/petroleum training. Listening, interpreting, and responding to verbal communications and instructions as well as speaking in response to questioning will be a daily involvement. Thinking, reasoning, visualizing and problem solving are required assets to the energy/petroleum field. The student/participant must display responsibility, self-management and honesty.

Administrative Information:

Curt Pervier, Dean, Applied Technology

Lisa Hays, Division Secretary
Office: Rm 143 TC
Phone: (432) 685-4676
Fax: (432) 685-6472

Students should feel free to contact the instructor at any time. Appointments are encouraged for advising and planning the most appropriate or beneficial course work.

*Syllabus subject to change as deemed necessary by the instructor to ensure learning objectives and course goals are met.

Non-Discrimination Statement

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Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individual has been designated to handle inquiries regarding the non-discrimination policies:

Tana Baker

Title IX Coordinator/Compliance Officer

3600 N. Garfield, SSC 131

Midland, Texas 79705

(432) 685-4781

tbaker@midland.edu

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

Americans with Disabilities Act (ADA) Statement:

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must visit www.midland.edu/accommodation and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic, each student must apply and be approved to receive them. All documentation submitted will be reviewed and a "Notice of Accommodations" letter will be sent to instructors outlining any reasonable accommodations.