

PETE 681 – Graduate Seminar Syllabus – Spring 2016

Texas A&M University - Petroleum Engineering Department

<https://www.facebook.com/groups/623530914454740/>

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Office Hours: Anytime when our office doors are wide open

Catalog Description: Study and presentation of papers on recent developments in petroleum technology.

Class meets every Tuesday, 3:55-5:10 p.m., in SCTS 208.

Facilitators: Eleanor Schuler; e-schuler@tamu.edu; 979.845.8402, RICH 401U & Barbi Miller; barbi.miller@tamu.edu; 979.845.2287, RICH 401W.

INSTRUCTIONAL OBJECTIVES

Course Learning Outcomes and Relationship to Program Outcomes:

Course Learning Outcome: At the end of the course, students will be able to...	Program Outcomes
Expose and Visualize different research visions of petroleum engineering related research problems	1, 3, 5
Evaluate the solution methodologies provided by the seminar speakers and Integrate those methodologies into their MSc and PhD studies	1, 5, 11
Gain presentation skills by observing the presentations of different research areas	5
Improve and Update their knowledge according to the current developments in petroleum engineering fields	5
Improve their communication skills by interacting with the seminar speakers	1,3,5
Evaluate and Analyze the Texas A&M resources provided for them throughout their research studies to publish higher quality research	5
Build networking skills	3,5

Related Program Outcomes:

No.	PETE graduates must have...
1	An ability to apply knowledge of mathematics, science, and engineering.
3	An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
5	An ability to identify, formulate, and solve engineering problems.
11	An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice

COURSE POLICIES

Prerequisites: None

Required Textbook: None

Attendance: Attendance is mandatory for PETE 681. Texas A&M views class attendance as an individual student responsibility (<http://student-rules.tamu.edu/rule07>). Attendance is essential to complete the course successfully. **Excused Absences:** Rules concerning excused absences may be found at <http://student-rules.tamu.edu/rule07>. Except for absences due to religious obligations, the student must notify her or his instructor in writing (acknowledged e-mail message is acceptable) prior to the date of absence, if such notification is feasible. In cases where advance notification is not feasible (e.g. accident, or emergency), the student must provide notification by the end of the second working day after the absence. This notification should include an explanation of why notice could not be sent prior to the class.

Excused Absences for Religious Holy Days: Texas House Bill (effective 9/1/03) states "An institution of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable amount of time after the absence."

Exams & Assignments: There will be no exams, but there might be pop quizzes.

Grading Policy: Your grading is based on your attendance. The passing grade is S (Satisfactory) and non-passing grade is U (Unsatisfactory). There will be 14 classes throughout Spring 2016 semester. Students have to attend at least 12 of those classes to earn passing grade. First day

of classes is 01/19/2016 and last day of the classes is 04/26/2015. Students must sign the attendance sheets, otherwise, they will be counted as absent. If students miss any classes during withdraw period, those missed classes will be counted as absence.

Student Conduct: Academic Integrity Statement and Policy, Aggie Code of Honor “An Aggie does not lie, cheat, or steal or tolerate those who do.” Upon accepting admission to Texas A&M University, a student immediately accepts a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System. For more information: <http://www.tamu.edu/aggiehonor>.

You should only sign for yourself for attendance. Otherwise, you will be reported without any notification and your earned grade will be U by the end of the semester.

Classroom Behavior: Texas A&M University supports the principle of freedom of expression for both instructors and students. The university respects the rights of the instructors to teach and the students to learn. Maintenance of these rights requires classroom conditions that do not impede their exercise. Classroom behavior that seriously interferes with either (1) instructor’s ability to conduct the class or (2) the ability of other students to profit from the instructional program will not be tolerated. An individual engaging in disruptive classroom behavior may be subject to disciplinary action. For additional information please visit <http://student-rules.tamu.edu/rule21>.

ADA Policy Statement: (Texas A&M University Policy Statement) Americans with Disabilities Act (ADA) Policy Statement

The following ADA Policy Statement (part of the Policy on Individual Disabling Conditions) was submitted to the UCC by the Department of Student Life. The policy Statement was forwarded to the Faculty Senate for information.

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit <http://disability.tamu.edu>.

Coursework Copyright Statement: (Texas A&M University Policy Statement)

Video recording is not allowed throughout semester. Because these materials are copyrighted, you do not have the right to record them, unless you are expressly granted permission.

If you have any questions about plagiarism and/or copying, please consult the latest issue of the *Texas A&M University Student Rules*, under the section “Scholastic Dishonesty”.

Prepared by: Berna Hascakir, January, 14, 2016

SPRING 2016 COURSE SCHEDULE

Week	Date	Speaker	Affiliation
WEEK1	19-Jan	Dr. Jenn-Tai Liang	Texas A&M University
WEEK2	26-Jan	Dr. Duane McVay	Texas A&M University
WEEK3	2-Feb	Dr. Cesar Palagi	Petrobras
WEEK4	9-Feb	Dr. Jorge L. Lopez	Shell
WEEK5	16-Feb	Dr. Gary Pope	University of Texas at Austin
WEEK6	23-Feb	Dr. Jihoon Kim	Texas A&M University
WEEK7	1-Mar	Dr. Omer Izgec	Chevron
WEEK8	8-Mar	Richard Baker	Consultant
WEEK9	15-Mar	No Classes-Spring Break	
WEEK10	22-Mar	Sarp Ozkan	Ponderosa Advisors
WEEK11	29-Mar	Dr. Amadeu Sum	Colorado School of Mines
WEEK12	5-Apr	Dr. Stephen E. Laubach	Bureau of Economic Geology - The University of Texas at Austin
WEEK13	12-Apr	Dr. Turgay Ertekin	Pennsylvania State University
WEEK14	19-Apr	Dr. Sally Benson	Stanford University
WEEK 15	26-Apr	Dr. Mark Pearson	Liberty Resources LLC

* Scheduled program may change