PET 471
Fall Semester, 2012
Reservoir Description, 2 cr, 2 cl hrs
Date/Time: Tuesday, 4:30 – 5:30 pm

Catalog Description:
Applied characterization of a field project through integration of reservoir, production, and geological data. Well performance and production optimization.

Prerequisites: Pet 370 – Reservoir Evaluation, 445 – Reservoir Engr II, ERTH 460- Petroleum Geology
Corequisite: Pet 424 – Production Engr I

Course Objective:
To evaluate well log, production, and/or other data from a given field and integrate this data into a comprehensive field study.

Course Outcomes:
Students will be able to:
1. assemble, evaluate and integrate data to develop a description of the reservoir for the purposes of developing a feasibility study.
2. Learn project and time management skills as a team
3. Learn to effectively communicate both in written (technical report) and oral (presentation) formats.

Course Structure:
This course is designed to build teamwork and independent thinking skills on an open-ended petroleum-engineering project. This course is 50% lecture-based and 50% project-based, relying upon the student to work on a given project throughout the semester with minimal guidance from the instructor.

Course Material:
No restrictions apply for reference material or personnel in providing data and information.

Assessment:
Monthly progress reports: Due: mid-September, Mid-October w/draft presentation, Mid-November

Final project report and oral presentation…last week of classes.

Also, your participation or lack thereof will be duly noted and will affect the final grade.