PET 342E
Reservoir Engineering - I, Spring 2013
Student Survey/prepared by O. I. Tureyen

1. This course requires pre-requisites, co-requisites or assumes that you acquired and digested the material covered in some of the courses as listed below so that you will not have a difficulty following and applying the material taught in this course as listed below. On a scale of 1 to 5 (1 being strongly disagree and 5 being strongly agree), evaluate these pre-requisites.

	BIL 101 E	BIL 106 E	MAT 201	MAT 202	PET 212E	PET 311E	PET 312	MAT 271	PET 321	
Helped me understand fundamentals in PET342E										
Could clearly relate the material in this class to PET342E										
Overall, this course is a good building block for PET342E										

2. List any prior courses, other than the above, you found useful in understanding the concepts in PET342E.

3. Evaluate the usefulness of course material (1 being the least useful and 5 being the most useful, 0 if not applicable).

Class notes/slides/reading assignments	
Use of ITU's Ninova e-Learning System	
Use of computer, internet and software	
Homework Problems	
Quizzes	
Midterms and Final Exams and their solutions for previous years	
Homework solutions	
Quiz solutions	
Physical Concepts	

3. What additional background would have been useful in completing this course e.g., additional math courses, physical science courses, petroleum engineering courses, etc.)

5. Teacher's Evaluation (on a scale of 5; 1 being infrequently and 5 being almost always).

Instructor required high level of performance	
Instructor encouraged questions, comments, etc.	
Instructor showed respect for students	
Instructor presented course content clearly	
Instructor was timely returning graded material	
Instructor was accessible outside of class	
Instructor was prepared for class	
Instructor lectures etc. were consistent with course objectives	
Instructor assigned grades in an unbiased way	

6. Student's Evaluation (on a scale of 5; 1 being infrequently and 5 being almost always).

Student attended the class	
Student worked hard for this class	
Student prepared for this class	
Student found the course material to be interesting	
Student found the course material to be difficult	

7. What material of this course is covered in prior courses

Topics	Yes/No	Which course
Definition of reservoir and trap,		
Major elements and classification of oil and gas reservoirs,		
Capillarity and definition of oil-water and gas-oil contacts,		
Compressibility concept and the physics of oil and gas production,		
Volumetric calculation of hydrocarbon in place. Generalized MBE (Material Balance Equation),		
Havlena and Odeh method for the linearization of MBE,		
Single phase dry gas reservoirs,		
Original gas-in-place, recovery factor and p/z plots,		
Undersaturated oil reservoirs and original oil-in-place,		
Saturated oil reservoirs and original oil-in-place,		
Water influx theory and estimation of water encroachment by steady-state, unsteady state and pseudo-steady-state models,		
Quantification of the uncertainty in oil or gas reserves.		

8. Do you believe that the course objectives, as stated, are met in this course?

Objectives/Outcomes	Yes/No
Develop students' ability in solving reservoir engineering problems by analytical thinking and reasoning, while applying the integrted knowledge of physics, mathematics, geo-sciences and engineering sciences,	
Develop students' ability in taking the basic reservoir management decisions in the prescence of uncertainty, lack of information and economic considerations,	
Guide students to work in teams and discuss the reservoir engineering problems for exploring the most appropriate solutions through versatile and creative thinking.	

Please provide below any comments and suggestions that you may have about the course content, instructor, course assistant, etc.