

**PET 336E – Well Completions  
Student Survey (Spring 2013)**

**COURSE EVALUATION**

<b>1. Please list below the courses that you took previously and found useful in understanding the concepts in this course.</b>		
<b>2. What additional background would have been useful in completing this course, e.g. additional math courses, physical science courses, engineering courses, humanities and social sciences courses, etc.</b>		
<b>3. Evaluate the following statements, which will reflect whether the course learning outcomes have been achieved in this course, on a scale of 1 to 5, as 1 being the least useful and 5 being the most useful.</b>		
	This course,	Grade
1	has improved your ability in applying knowledge in mathematics, basic sciences, and engineering to problems.	
2	has taught you establish a link between knowledge gained in this course and in the background courses.	
3	has helped you to improve your analytical thinking and decision making.	
4	has enabled you to identify, formulate and solve engineering problems.	
5	has enabled you to use scientific and engineering methods in solving problems.	
6	has furnished you with the use of practical ideas and concepts in solving problems.	
7	has enabled you to design a system component or a process to meet desired needs.	
8	has developed your capability to design and conduct experiments.	
9	has enabled you to make decisions in the presence of uncertainty and of economical constraints.	
10	has enabled you to use the techniques, skills, and modern engineering tools necessary for engineering practice.	
11	has provided you with the knowledge of contemporary and current issues and their impact on engineering.	
12	has enabled you to understand the impact of engineering solutions in global and societal context.	
13	has improved your awareness in professional and ethical responsibility.	
14	has helped you to better understand your profession.	
15	has helped you to increase your interest in your profession.	
16	has enabled you to realize the effect of technological implementations on health, safety and environment.	
17	has improved your capability to function effectively in teamwork.	
18	has improved your awareness in the need for life-long learning.	
19	has helped you to develop and use effective oral and written communication skills.	
20	has helped you to develop and use effective leadership skills.	
<b>4. What material of this course was covered in prior courses you had enrolled ?</b>		
	Topic	Yes/No      in which course ?
	Casing and cementing in oil and gas wells.	
	Formation evaluation by logging and well testing in oil and gas wells.	
	Basics of oil and gas well completion with perforations, tubings, packers, etc.	
	Basics of workover operations in wells, fracturing, acidizing, squeeze cementing, etc.	
	Forces (internal, external, normal, shear,) equilibrium of particle and rigid body.	
	Stress, strain, moment of inertia, torsion and bending moments, center of gravity.	
	Friction, impulse and momentum, impact, equilibrium of structures.	
	Acids and bases, stoichiometry of chemical reactions, chemical equilibrium.	
	Thermodynamic equilibrium, liquid solutions and gases, concentration.	
	Types and (physical and chemical) properties of reservoir rocks,	
	Flow of fluids (oil, gas, and water) in porous and permeable media.	
<b>5. How would you rate the contribution of this course in your overall education at ITU. Please just simply give a grade between 1 and 5, as 1 being the least useful and 5 being the most useful.</b>		

