

	<b>The Mork Family of Chemical Eng. and Materials Science</b>
	<b>University of Southern California</b>
<b>PTE 503</b>	<b>Fall 2016 3:30-6:10 PM</b>
	<b>Dr. I. Ershaghi ershaghi@usc.edu</b>
<b>22-Aug</b>	<b>introduction</b>
<b>29-Aug</b>	<b>Geological Aspects</b>
<b>5-Sep</b>	<b>Labor Day School Holiday</b>
<b>12-Sep</b>	<b>Geochemical Aspects</b>
<b>19-Sep</b>	<b>Petrophysical Aspects</b>
<b>26-Sep</b>	<b>Geomechanical Aspects</b>
<b>3-Oct</b>	<b>Drilling and Well Completion</b>
<b>10-Oct</b>	<b>Mid Term</b>
<b>17-Oct</b>	<b>Laboratory Testing Methods</b>
<b>24-Oct</b>	<b>Hydraulic Fracturing</b>
<b>31-Oct</b>	<b>Optimizing Fracturing and seismicity issues</b>
<b>7-Nov</b>	<b>Production Forecasting</b>
<b>14-Nov</b>	<b>Case Studies</b>
<b>21-Nov</b>	<b>Coalbed, Tar Sands. Methane Hydrates</b>
<b>28-Nov</b>	<b>Project Presentation</b>
<b>12-Dec</b>	<b>Final Exam 2-4 PM</b>
	<b>Grading</b>
	<b>Homework 20% Midterm 35% Final 35% Project 10%</b>
	<b>review: <a href="http://viterbi.usc.edu/academics/integrity/students/">http://viterbi.usc.edu/academics/integrity/students/</a></b>