

<b>PTE 503</b>	<b>Technology of Unconventiona Oil and Gas Resources Development</b>
<b>Fall 2018 Mondays 3:30-610 PM OHE 136</b>	
	<b>Dr. I. Ershaghi ershaghi@usc.edu</b>
<b>20-Aug</b>	<b>Introduction to Unconventioal Resoures</b>
<b>27-Aug</b>	<b>Geochemistry Concepts</b>
<b>3-Sep</b>	<b>University Holiday -Labor Day</b>
<b>10-Sep</b>	<b>Kerogen- Hydrocarbon Generation</b>
<b>17-Sep</b>	<b>Pore Scale Charcterization</b>
<b>24-Sep</b>	<b>Rock Eval and Core analysis Methods</b>
<b>1-Oct</b>	<b>Well log evaluation</b>
<b>8-Oct</b>	<b>Mid term Exam</b>
<b>15-Oct</b>	<b>Geomechanical Concepts</b>
<b>22-Oct</b>	<b>Hydraulic Fracuting and Completion Methods</b>
<b>29-Oct</b>	<b>Application of Microsesimic and Other Geophysical Methods</b>
<b>5-Nov</b>	<b>Production Forecasting</b>
<b>12-Nov</b>	<b>EOR Covepts for Tight Formations</b>
<b>19-Nov</b>	<b>Coalbeds, Hydrates and Tar Sands</b>
<b>26-Nov</b>	<b>Data Sciences Methods-Term Projects</b>
<b>10-Dec</b>	<b>Final Exam 2-4 PM</b>
<b>Course Grade</b>	<b>40% Mid Term 40% Final 15% HW 5% Tem Project</b>
<b>References</b>	<b>will be assigned</b>