March 29th: Introduction.

March 31st: Lecture: Continuum Mechanics. *Homework 1*

April 5th: Lecture: Continuum Mechanics.


April 12th: Lecture: Factors that Impact Seismic Velocity and Impedance.

April 14th: Lecture: Effective Medium Models and Fluid Substitution. *Due date for term paper titles. Homework. 3. Homework 2 due.*

April 19th: Lecture: Effective Medium Models and Fluid Substitution.


April 26th: *Short presentations of term paper topic.*


**May 2nd-May 6th: Laboratory Sessions.**

May 3rd: Lecture: Velocity Dispersion and Wave Attenuation (Q).


May 10th: Lecture: Upscaling.

May 12th: Lecture: AVO. *Lab due.*

May 17th: Lecture: TBA.

May 19th: *Presentations of Term-paper results.*

May 24th: *Presentations of Term-paper results. Homework 6.*

May 26th: Lecture: TBA.

May 31st: Lecture: TBA. *Homework 6 due.*

June 2nd: Lecture: TBA.