

PTE 466 - 2017
PETROLEUM GEOLOGY
SYLLABUS

Part I. Fundamentals of geology

May 18 Origin, composition, and internal structure of the Earth

May 25 Minerals and rocks

TBA Minerals and rocks laboratory

June 1 Deep time and the rock record

June 8 Plate tectonics and the origin of sedimentary basins

June 15 Structural geology

June 22 Maps and mapping

TBA Mapping software workshop

June 29 Mid-Term Examination

Part II. Petroleum systems

July 6 Introduction to petroleum systems

July 13 Conventional petroleum accumulations

July 19 Field trip to the Santa Barbara/Ventura basin

July 20 Introduction to "unconventional" resources

TBA Presentation of individual term projects

27 July Los Angeles basin

3 August Final examination