Petroleum Engineering 663
Formation Evaluation and the Analysis of Reservoir Performance
Summer 2015 — Syllabus and Administrative Procedures

Module 3: T/Th/F 20:00-21:30 (23 Jul- 07 Aug)

(Analysis of Reservoir Performance)
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July
23  Th  (ResPrf) Reservoir Engineering: Basics, Petrophysics, PVT
24  F   (ResPrf) Reservoir Engineering: Material Balance, Introduction to PTA
28  T   (ResPrf) Pressure Transient Analysis: "Conventional" Analyses
30  Th  (ResPrf) Pressure Transient Analysis: "Type Curve" Analyses
31  F   (ResPrf) Production Analysis: History, Basic Concepts, Simple Time-Rate Analysis

August
04  T   (ResPrf) Production Analysis: Historical & Modern Time-Rate ("Decline") Analyses
06  Th  (ResPrf) Production Analysis: Time-Rate-Pressure ("RTA") Analyses