Overview of Petroleum Industry – Class 1 – Fri Feb 19

Sign Attendance Sheet

Complete Student Data Sheet

Safety

Review Syllabus / textbook / reports / grading

Textbook – review table of contents, words in ***italics,*** tables and figures

Bloomberg article on job outlook – emailed link to class

SPE Frac article

Today – Will cover Chapter 1 (Origins of oil and gas) & Chapter 2 (Oil Overview)

Pg 1 – requirements for oil and gas

Pg 4-8 – Fig 1-1, source rock, migration, Fig 1-3 traps

Pg 9-11 – composition of crudes, classification, benchmark crudes

Pg 12 – crude oil prices, SPE chart of country oil production

Pg 13-14 – unconventional oil – tar sands, shale oil

Pg 16 – BOE, barrel of oil is 42 gallons, chemical drums 55 gallons

Pg 17-22 – reserves, NOC’s = National Oil Companies, IOC’s = International Oil Companies

Pg 22 – products from oil

Pg 23-27 – global oil consumption

Homework – get book, read Chapters 1, 2, 3, 4

Think about Technical Report topics - written report due Fri, March 11 & presentation

Class 2 – Fri Feb 26 – go over Chap 3 and 4

Class 3 – Fri March 4 – review for test

Class 4 – Fri, March 11 – Test # 1 on Chap 1-4, and turn I Technical Report # 1