Study Guide, Sed Strat Lab Exam 2, 2014

**Sed Petrology**
- Chert
- Mica
- Ooid
- Polycrystalline quartz
- Monocrystalline quartz

**QFL diagrams**

- Lithic fragment
- Potassium feldspar
- Plagioclase feldspar
- Micrite
- Sparrite
- Albite twinning
- Tartan twinning
- Pelloid

**Fossils:**
- Foraminifera
- Bryozoan
- Brachiopod
- Bivalve
- gastropod

**Subsurface Data:**
- Be able to create a contour map based on 1) elevation, 2) composition, sediment thickness (isopach)
- Be able to interpret composition and thickness maps in terms of depositional environments

**Other:**
- General rock naming: review Dunham classification for naming carbonate rocks

- Be able to draw and label these two diagrams by memory
- Know how to plot data
- How to name a sandstone if you are given q,f,l percentages