Outline of Topics for Intermediate Microeconomics

**Consumer Theory:**
Optimal Choice  (graphs and algebra)
  Three Types of Preferences:
    - Cobb-Douglas
    - Perfect Substitutes
    - Perfect Complements
  Budget Constraints
In-Kind Subsidy vs. Cash Grant  (graphs)
Relationships between Price (P), Quantity of a good (Q), and Income (I)
  Deriving Demand Curves (Q & P)
  Deriving Engel Curves  (Q & I)
  Income and Substitution Effects
    - Normal Goods
    - Inferior Goods
    - Giffen Goods
Elasticities
  - Demand
  - Income
  - Cross-Price

**Producer Theory:**
TP, MP, AP (graphs)
Returns to Scale (graphs and algebra)
Least-Cost Choice
  Three Types of Isoquants:
    - Cobb-Douglas
    - Perfect Substitutes
    - Perfect Complements
  Isocost Lines
Cost Curves (use algebra to solve for TC as a function of input demands)
TC, MC, AC (graphs)

**Perfect/Imperfect Competition:**
Find Supply Curve for Firm – S(P)
Given the number of firms in an industry, find P, Q, and profit
Given Perfect Competition (zero profit), find the optimal number of firms in the industry
Increasing/Constant/Decreasing Cost Industries
Monopoly
Price Discrimination (why do movie theaters offer senior citizen discounts?)
As time permits …
  - Excise Taxes/Price Floors/Production Quotas
  - General Equilibrium – Edgeworth Boxes
  - Oligopoly