Class 31
slides here (104 Kb)
1. Summary of the course
2. Problems solving

Class 30
hand written class notes here (1.055 Mb)
Economic Growth
1. Where does investment rate s come from?
2. Predictions of the Solow growth model
3. Extensions of the Solow growth model that generate never ending growth

Class 29
slides here (842 Kb)
1. Brief summary of Chapter 9
2. Economic growth (chapter 6 - Solow growth model only)

Class 28
Thanksgiving break

Class 27
hand written class notes here (630.915 Kb)
General approach to equilibrium analysis:
1. Methodology: direct and indirect effects
2. The effects of a temporary increase in TFP
3. The effects of a proportionate labor cost subsidy

Class 26
hand-written class notes here (503.764 Kb)
A real intertemporal model with investment (Chapter 9, cont.)
1. Investment supply curve
2. Connection between the investment market from the class and the goods market from the textbook
3. Equilibrium: the connection between labor market and investment market

Class 25
hand written class notes here (471.681 Kb)
A Real Intertemporal Model with Investment (Chapter 9)
1. The representative consumer's problem
2. The representative firm's problem

Class 24
slides here (558 Kb)
additional reading: SS reform (1.481 Mb)
Social Security - continued (addition to Chapter 8):
1. Towards a more advanced model:
- the pros and cons of PAYG and FF systems
not captured by our OLG model
2. Summary of results of existing studies

Class 23
NO CLASS: Veteran's day

Class 22
hand-written notes here (356.38 Kb)
slides here (183.5 Kb)
Social Security (based on Chapter 9)
1. The current state and forecast of Social Security
2. A simple OLG model

Class 21
midterm 2 answers here (926.308 Kb)
Midterm exam 2

Class 20
my hand-written notes here (3.717 Mb)
Review and exercises
1. Quiz 6 discussion
2. Ricardian equivalence (and when it does not hold) in the model with heterogeneous consumers.

Class 19
my hand-written notes here (712.599 Kb)
1. Taxes or Debt: Ricardian equivalence
2. Exceptions: when Ricardian equivalence does not hold

Class 18
my hand written notes here (795.97 Kb)
1. The effects of changes in r
2. Deriving the savings supply curve
3. The competitive equilibrium
4. Equilibrium with different consumers

Class 17
my hand written notes here (1.219 Mb)
The consumer's intertemporal decision (Chapter 8)
1. The setup of the consumer's decision problem:
- description of the model
- preferences
- budget constraint
2. The representation of the consumer's decision on the graph
3. The effects of changes in current and future net income
(including comparing the model's predictions to the
business cycles data)
4. Permanent income nypothesis

Class 16
slides here (850.5 Kb)
Brief review of classes 1-15

Class 15
additional notes on the efficiency in the model with different consumers (not mandatory) (1.202 Mb)
my hand-written notes here (5.333 Mb)
1. The effects of monopolistic competition and the usage of proportionate subsidies to restore efficiency
2. The effects of externalities and the usage of proportionate taxes to restore efficiency

Class 14
my hand-written notes here (935.028 Kb)
1. Social Planner's problem
2. The First Welfare theorem
3. Distortions arising from proportionate taxes

Class 13
my hand-written notes here (2.051 Mb)
quiz answers and comments here (51.732 Kb)
Equilibrium analysis from Chapter 5
1. Illustrating a competitive equilibrium on one graph
2. Analyzing the equilibrium effects of a decline in TFP
3. An example of a stabilizayion policy

Class 12
hand-written class notes here (5.562 Mb)
excel file for numericla analysis here (20 Kb)
1. The effects of changes in TFP: theoretical and numerical analysis
2. First policy lessons

Class 11
Midterm setup and answers (324.58 Kb)
Midterm exam 1

Class 10
my hand-written notes here (4.666 Mb)
Examples of equilibrium analysis

Class 9
my hand-written notes here (2.128 Mb)
1. Definition of a competitive equilibrium
2. The effects of changes in TFP on equilibrium quantities

Class 8
my hand-written notes here (3.228 Mb)
The representative firm's problem - continued
1. The derivation of the labor demand curve

2. Shifts of the labor demand curve
3. The competitive equilibrium

Class 7
my hand-written notes here (739.585 Kb)
The representative producer's problem (Chapter 4)
1. Assumptions about production technology
2. Firm's problem and optimal labor choice

Class 6
class notes here (915.637 Kb)
The representative consumer's problem - continued (Chapter 4)
1. The effects of changes in income and wage in optimal choice
2. Derivation of the labor supply curve
3. Analytical solution: u(c,l) = c*l

Class 5
slides here (124.5 Kb)
hand-written class notes here (631.638 Kb)
Step 1 of building a one-period model: The Representative Consumer's Problem (Chapter 4)
1. Preferences
2. Budget constraint
3. The optimal (consumption,leisure) choice

Class 4
slides here (719.5 Kb)
1. Business cycles analysis (chapter 3): stylized facts and intuition
2. One-period macro model (chapter 4): description of the environment

Class 3
slides here (972 Kb)
Evolution of real per capita GDP over time
1. Decomposition: growth and business cycles
2. Recessions: driving forces and responses
3. Comovement of economic variables

Class 2
slides here (498.5 Kb)
cross-country data (39.5 Kb)
1. Measuring total GDP
2. Real per capita GDP as a measure of economic well-being
3. Why isn't real per capita GDP a perfect measure of economic well-being?
4. Price changes

Class 1
Class01.ppt (88.5 Kb)
1. Administrative details
2. Course outline