This review sheet is intended to cover everything that could be on the exam; however, it is possible that I will have accidentally left something off. You are still responsible for everything in the chapters covered except anything that I explicitly say you are not responsible for. Therefore, if I left something off of this sheet, it can still be on the exam. There will be no multiple-choice questions. Most of the questions will be like the ones in the homework assignments, and possibly a few definition questions, but I am more likely to ask questions that make you use the definitions rather than recite them. I will probably ask one of the questions from the book at the end of the chapters.

The review session will be at a time to be determined in class, probably 10/22.

See your advisor the week of fall break or the next week so that you can register for classes.

Chapter 8 starting with Page 171: Ignore GDI because they state it is the same as GDP, just calculated differently. Know how to get from **GDP** to **NDP, NI, PI,** and **DPI**. Note that if you know what those terms are trying to measure, you ought to be able to figure out what is added and what is subtracted. Capital consumption allowance is another way to calculate depreciation. What is the difference between **real** and **nominal GDP**? Ignore the chain-weighted measure for real GDP. How do we compare GDP across countries?

Chapter 9: What is **economic growth**? What are the negative effects of economic growth? What is the problem of using this as a measure of welfare? What causes GDP per capita to grow? Why do small changes in the growth of GDP matter? What is **labor productivity** and what changes it? Why is **saving** so important to growth? What is **human capital**? What are the advantages and disadvantages of **patents**? Why do open economies grow faster? How does population growth affect development? Why are property rights important for growth? The **four keys to development** on Page 203 will help you to understand parts of the chapter.

Chapter 10 until Page #217: Until this semester, I covered Chapter 12 after Chapter 11. Therefore, some of the material in this chapter and all of the material from Chapter 11 were on old Exam #3, so old Exam #3 will have a lot of material you do not know. What is meant by the term **long-run aggregate supply curve**? What determines its shape and its location? How does it relate to the PPF, a.k.a. the PPC? What is **aggregate demand**? Why does it take its shape? <u>Note the logic used for the demand curve's slope does not apply to the slope of the aggregate demand curve.</u> What moves the AD curve? *Anything that changes the demand for goods and/or services (C+I+G+X), other than price induced changes in the demand, will move AD. Remember that for all curves, if a variable on one axis changes causing the other variable to change, then you did not move the curve, you retraced it.*

Chapter 12: Until this semester, this chapter was on Exam #4, so look at old Exam #4 for sample questions. Note we will not be making the Assumption #4 on Page 251. We will assume an open economy. What are C, I, G, and X? What determines them? Know what moves the flatter line on the **45° diagram, a.k.a. the Keynesian Cross diagram**. *We only need the E = Y line and C + I + G + X line and to move it. The other lines, like the C and the C + I lines were just to help you understand the main line. Ignore the savings line and the S = I derivation of the model. It is mathematically the same as what we did and the book does, but it is more complicated to understand.* What are the **MPC, MPS, APC,** and **APS**? *Note that even though our model assumes the MPC is the same for rich and poor, it also concludes that the rich will have a lower APC than the poor. It is easier to notice a person's APC than MPC.* Know what changes C, I, G, and X. Why does consumption depend upon wealth, although not much? Why does investment depend upon interest rates? Ignore the planned versus unplanned investment. What is a lump-sum tax and how does it affect the 45° diagram? What determines net exports? *Note that the AD line is virtually the same as the C + I + G + X line*. Both represent how much is being demanded. However, changes in the price level will move the C + I + G + X line but not AD line. What determines the size of the **government spending multiplier**? What is the economics behind it? How do we see it on the Keynesian Cross diagram? How does our assumptions about prices, interest rates, income taxes, and imports affect its size?

This is the non-graded Assignment #6A that will be reviewed with Assignment #6.

1) (20 points each) Illustrate the effects of the following events on the LRAS/AD. Explain why the curve(s) moved as drawn. What happens to prices and GDP? (Note, the change in GDP will be unusual because we do not have the SRAS curve.)
A) The government spends $500,000.
B) Interest rates go down.
C) The amount of capital increases.
D) The income tax rate goes up.

2) (10 points) Explain what is wrong with this argument: "When the price level goes up, people cannot afford to buy as much, so they demand less. That is why the AD curve slopes down."

3) (10 points) Explain why the AD curve slopes down.