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ECO 100-711 – Mon. & Wed. 7:00–8:15 pm – North 403  
ECO 100-521 – Tues. & Thurs. 5:30–6:45 pm – Murray 1206  
ECO 100-722 – Tues. & Thurs. 7:20–8:35 pm – Murray 1113  
Office hours: before or after class or by appointment

## **Introduction to Economics (ECO 100)** **Borough of Manhattan Community College – Fall 2009**

Teaching a one-semester Introductory Economics course is particularly challenging because the time allotted to each half (i.e. Microeconomics and Macroeconomics) is too short to provide you with much depth on the subjects. Given the constraint, I have done my best to develop an introductory course that will help you understand the way and economist approaches a problem.

In the first half of the course – on Microeconomics – we will explore trade-offs and opportunity cost through a discussion of International Trade and we will explore marginalism through a discussion of a firm's decision about how much capital and labor it should hire.

In the second half of the course – on Macroeconomics – we will continue our exploration of trade-offs through a careful study of the long-run and short-run effects of Monetary and Fiscal Policy.

This course is not a substitute for a two-semester Introductory Economics sequence, but I hope that the student who takes it will leave the classroom with an understanding of some of the most important concepts.

Studying such trade-offs will help you understand the nature of trade-offs that you face in everyday life.

For example, in the short run, spending time studying economics prevents you from spending time with family and friends. In the long run, time spent studying economics will enable you to make more rational decisions, which will increase your productivity at the office and – hopefully – enable you to get a raise.

### **Objectives of this Course**

This course has two sets of objectives: practical and academic. The practical objectives aim to teach you how to apply mathematics and economics in daily life. The academic objectives (which are listed with the class schedule) aim to teach you basic macroeconomics.

The practical objectives consist of:

- enabling you to interpret graphs and equations, both mathematically and intuitively,
- developing your logical thinking skills,
- teaching you how independent variables affect dependent variables and
- helping you apply the concept of opportunity cost, marginalism and efficient markets in everyday life.

**Knowledge of algebra:** Algebra is not a prerequisite for this course, but it is a prerequisite for a successful professional career. I will not require you to solve math problems on the exams, but I will require you to understand and interpret the math that is in your textbook. To help you, I will conduct a review of basic algebra during the first few lectures. I strongly encourage you to take advantage of this opportunity.

## Course Requirements

Your final grade will be determined by a weighted average of a mid-term exam (35 percent), a final exam (45 percent) and the quality of your class participation (20 percent).

The exams will consist of a section of identifications – in which you will write brief definitions and describe the relevance of key concepts, theories, etc. – and a section of essays.

Homework will be assigned and the solutions will be reviewed in class, but I will not collect them and I will not grade them. If you read the *Lecture Notes* and the textbook do the homework regularly, you will develop a good understanding of the course material and you will score higher on the exams. If you only read the *Lecture Notes* and do the homework the night before the exam, don't expect to pass.

Finally, in evaluating the quality of your class participation, I will consider:

1. your attitude towards the course material,
2. how well you demonstrate an understanding of the required readings and homework assignments and
3. how often you ask intelligent questions in class.

Saying “I don't understand” and explaining what you don't understand and why you don't understand it is one of the most intelligent things you can do. It demonstrates curiosity and interest in the course material. By contrast, sitting in silence when you don't understand is one of the dumbest things you can do.

## Attendance Policy

**Here's BMCC's attendance policy:** At BMCC, the maximum number of absences is limited to one more hour than the number of hours a class meets in one week. For example, you may be enrolled in a four-hour class that meets four times per week. You are allowed 5 hours of absence (not 5 days). In the case of excessive absences, the instructor has the option to lower the grade or assign an F or WU grade.

**Here's my attendance policy:** Come and go as you please, but keep in mind that the lectures are an important part of the course. If you're not here, it's going to be a lot harder to understand the course material. Poor attendance will also adversely affect my evaluation of your class participation.

For example, if you never come to a single class, but somehow manage to ace both exams (which is highly unlikely), your final grade would be a B-plus – that's 80 percent of an A (4.0).

## Exam Make-Up Policy

Any student who is either unable to attend class on the day of the exam or simply doesn't feel like coming to class on the day of the exam, doesn't have to come. There's no need to contact me or explain the reason for your absence. Just don't come.

If you miss the mid-term exam, you will be expected to submit a take-home examination within two weeks of the class immediately following the mid-term exam. No exceptions.

If you miss the final exam, you will have to make it up during departmental exams next semester.

In deciding whether or not to come to class on the day of the exam, keep in mind that I see absolutely no reason why the difficulty of the take-home exam or the departmental exam should be comparable to that of the in-class exam. If I were in your shoes, I would come to class on the day of the exam.

continued on the next page

## **Instant Replay Rule**

If you do not do well on an exam and would like to improve your grade by doing the make-up exam, I'll look very favorably upon your efforts.

For those of you who would like to improve your grade by haggling with me over points, we'll play by the "Instant Replay Rule." If your complaint has merit, I'll fix your grade. If your complaint does not have merit, it will cost you one whole letter grade.

## **Email at your Own Risk**

Any take-home assignment (such as a make-up exam) should be submitted to me during regular class hours. If you cannot attend class that day, ask a friend to submit it for you.

I will also accept assignments submitted to me by email or left in my box at the Department Office.

Keep in mind however that email does not always work perfectly. There is a low (but not insignificant) probability that the email will not be delivered to me. There is also a low (but not insignificant) probability that an assignment left in my box will disappear.

I will not be held accountable for vanishing emails. Nor will I be held accountable for assignments devoured by the mailbox gremlin. You assume ALL of the risk associated with email and/or mailbox submissions.

**If I don't receive it, it's your problem, not mine.**

## **Policy on Cheating**

**BMCC's policy:** Plagiarism is the presentation of someone else's ideas, words or artistic, scientific, or technical work as one's own creation. Using the idea or work of another is permissible only when the original author is identified. Paraphrasing and summarizing, as well as direct quotations, require citations to the original source. Plagiarism may be intentional or unintentional. Lack of dishonest intent does not necessarily absolve a student of responsibility for plagiarism.

Students who are unsure how and when to provide documentation are advised to consult with their instructors. The library has guides designed to help students to appropriately identify a cited work. The full policy can be found on BMCC's website, [www.bmcc.cuny.edu](http://www.bmcc.cuny.edu)

**My policy:** Don't even think about it! I will catch you and I will pursue the harshest penalty BMCC allows.

What you should think about is the reputation of your school. If BMCC were to develop a reputation for tolerance of cheating, then potential employers would consider completion of a degree at BMCC to be a trivial accomplishment and your investment of time, money and energy here will have been squandered.

Use of notes during an in-class exam is cheating. Don't do it. Copying material from a website on a take-home exam is cheating. Don't do it.

If you think I won't know if you copied material from a website on a take-home exam, you're wrong.

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## What to Expect

I have an easy-going attitude, but don't expect an easy A. I work hard and I expect the same from you.

I'll give you all the help you need, but don't expect me to spoon-feed you the answers. This is college. Come prepared to ask me questions. Don't waste my time.

I don't see things in black and white. I am incapable of answering a question with a simple "yes" or "no." I look for the complexity in an issue and seek to understand it.

If you get impatient with someone who takes their time to answer a question or goes into too much detail, then I'm probably not the professor for you.

On the other hand, if you want to learn how to analyze an issue and come to a well-reasoned conclusion, then you're in the right place.

## Course Readings

- Doviak, Eric. *Lecture Notes: Introduction to Economics*. [www.doviak.net](http://www.doviak.net)
- Krugman, Paul and Robin Wells. *Economics*. ISBN: 978-0-716-77158-6
- Pearce, David W. (ed.) *The MIT Dictionary of Modern Economics*. ISBN: 0-262-66078-4

My Lecture Notes contain a lot of information, but they are not a substitute for a textbook. You need a textbook for depth. I recommend the Krugman/Wells text because it covers the material in the Lecture Notes in far greater depth than my Lecture Notes and in much greater depth than other textbooks do.

## Part One – Microeconomics

### Lecture 1: Introduction and Math Review

read: **KW chap. 1** and **appendix to KW chap. 2** and do: **Homeworks #1A and #1B**

### Lecture 2: Production, Opportunity Cost and Relative Price

- How does opportunity cost give rise to comparative advantage, the basis of international trade?
- How are gains from trade determined by opportunity cost and relative price?

read: **KW chap. 2** and do: **Homework #2**

### Lecture 3: Supply, Demand and Equilibrium

- What role do prices play in moving markets toward an equilibrium in response to a surplus/shortage?
- What events cause the demand curve to shift? What events cause the supply curve to shift?
- How do the equilibrium price and equilibrium quantity supplied/demanded respond to a shift of the supply curve? How do they respond to a shift of the demand curve?

read: **KW chap. 3** and do: **Homework #3**

### Lecture 4: The Production Process

- What marginal condition determines a profit-maximizing firm's optimal level of output?
- How does a change in the wage rate affect a cost-minimizing firm's employment of capital and labor?
- How do firms' short-run costs differ from their long-run costs?
- What are increasing, constant and decreasing returns to scale and how do they affect optimal firm size and the number of firms in an industry in the long run?

read: **KW chap. 8** and do: **Homework #4**

## Part Two – Macroeconomics

### Lecture 5: the Distribution and Allocation of National Income

- What is Gross Domestic Product?
- Why should the Income and Expenditure Approaches to calculating GDP both yield the same sum?  
read: **KW chap. 24**

### Lecture 6: Economic Growth:

- How do saving and growth of the labor force affect the long-run level of output per worker?
- How does technological progress affect the growth rate of the long-run level of output per worker?
- How does human capital investment affect the long-run level of output per worker?  
read: **KW chap. 25** and do: **Homework #6**

### Lecture 7: Economic Growth: Transition Dynamics

- How do government budget deficits affect the national saving rate?
- If a high saving rate leads to a high steady state level of output per worker, then why is saving so unpopular?  
read: **KW chap. 26**

### Lecture 8: Money and Inflation in the Long Run

- How does the Federal Reserve control the money supply?
- How does the Federal Reserve affect interest rates in the economy?
- What factors affect the optimal quantity of money that people would like to hold?
- What is the difference between the nominal interest rate and the real interest rate?
- What is inflation? and What causes inflation in the long run?  
read: **KW chap. 30** and do: **Homework #8**

### Lecture 9: Economic Fluctuations: the Goods Market

- Under what conditions would a difference between planned aggregate expenditure and aggregate output occur in the short run?
- How do the levels of taxation and government spending affect the equilibrium quantity of aggregate output produced in the short run?  
read: **KW chaps. 27, 28 and 29** and do: **Homework #9**

### Lecture 10: Economic Fluctuations: the Goods and Money Markets

- Under what conditions can the real interest rate deviate from its long-run level in the short run?
- How do changes in the money supply affect equilibrium aggregate output in the short run?  
read: **KW chap. 31** and do: **Homework #10**

### Lecture 11: Output and Inflation in the Short Run

- How does the aggregate demand curve fundamentally differ from a market supply curve?
- How do cost shocks increase the price level and reduce aggregate output (causing recession)?  
read: **KW chap. 27** and do: **Homework #11**

### Lecture 12: the Short-Run Tradeoff between Inflation and Unemployment

- Under what conditions can contraction of the money supply increase unemployment in the short run?
- Under what conditions would contraction of the money supply have no effect on unemployment in the short run?  
read: **KW chaps. 32 and 33** and do: **Homework #12**