

# The University of Florida

## Department of Economics

### ECO 3101: Intermediate Microeconomics Fall 2019 Syllabus

<b>Instructor:</b> Armand Kapllani	<b>Lectures::</b> T,R [9:35 AM - 11:30 AM]
<b>Office:</b> 322 Matherly Hall	<b>Course Location:</b> MAT 0002
<b>Office Hours:</b> T [1:00 PM - 4:00 PM]	<b>E-mail:</b> akapllani@ufl.edu

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## Course Description

In this course we will analyze the behavior of economic agents (consumers and firms) and the market outcomes which are a result of the interactions between these economic agents. The course will cover the following topics: theory of consumer behavior; production and costs; partial equilibrium analysis; general equilibrium analysis; welfare; public goods, and externalities. In this course you will learn the theoretical concepts and mathematical techniques of microeconomic analysis. The technical skills that you will learn in this class will be very helpful in subsequent economics courses. An understanding of calculus and its techniques are important for your success in this course.

## Course Material

The required textbook for this course is: Intermediate Microeconomics: A Modern Approach, 9th edition, by Hal Varian. All the required readings will come from this textbook. I highly recommend that you carefully read the textbook and try to understand in detail every concept that we will cover in our lectures.

## Course Requirements

There will be three exams in this course; two midterm exams and a final comprehensive exam. Attendance at each examination is a course requirement and each exam will be given during regular class hours. There will be eight problem sets, each weighted equally and no late homeworks will be accepted. Problem sets will always be assigned at least a week before they are due. The final grade will be based on the following weights:

Exam I	1/4
Exam II	1/4
Final Exam	2/5
Problem Sets	1/10

I encourage working in teams in solving the problem sets but you must submit your own, non-plagiarized solutions. The best way to learn economics is to DO economics and I strongly

advice that you take the time and effort to learn from the problem sets. If you would like to typewrite the solutions of the problem sets I would recommend the use of L<sup>A</sup>T<sub>E</sub>X, especially if you are considering continuing a graduate degree in economics after college. The distribution of the grades will depend on the class overall performance.

## Course Outline

The following is an outline of the topics that we will cover throughout the semester, along with the associated readings in the textbook by Varian.

<b>Week 1</b>		
- Aug 20	Review of Important Mathematical Concepts	
- Aug 22	Budget Constraint & Preferences	[Ch 2 - 3: Varian]
<b>Week 2</b>		
- Aug 27	Utility	[Ch 4: Varian]
- Aug 29	Optimal Choice & Utility Maximization	[Ch 5: Varian]
<b>Week 3</b>		
- Sep 3	Demand	[Ch 6: Varian]
- Sep 5	Revealed Preference	[Ch 7: Varian]
<b>Week 4</b>		
- Sep 10	Slutsky Equation	[Ch 8: Varian]
- Sep 12	Buying and Selling	[Ch 9: Varian]
<b>Week 5</b>		
- Sep 17	Consumer Surplus	[Ch 14: Varian]
- Sep 19	Market Demand	[Ch 15: Varian]
<b>Week 6</b>		
- Sep 24	Equilibrium	[Ch 16: Varian]
- Sep 26	<b>Exam I Review</b>	
<b>Week 7</b>		
- Oct 1	<b>Exam I</b>	
- Oct 3	Technology	[Ch 19: Varian]
<b>Week 8</b>		
- Oct 8	Profit Maximization	[Ch 20: Varian]
- Oct 10	Cost Minimization	[Ch 21: Varian]
<b>Week 9</b>		
- Oct 15	Cost Curves	[Ch 22: Varian]
- Oct 17	Firm Supply	[Ch 23: Varian]
<b>Week 11</b>		
- Oct 22	Industry Supply	[Ch 24: Varian]
- Oct 24	Monopoly	[Ch 25: Varian]
<b>Week 12</b>		
- Oct 29	Price Discrimination	[Ch 26: Varian]
- Oct 31	Oligopoly	[Ch 28: Varian]
<b>Week 13 Exam II Review</b>		

- Nov 5	<b>Exam II</b>	
- Nov 7	Game Theory	[Ch 29: Varian]
<b>Week 14</b>		
- Nov 12	Exchange	[Ch 32: Varian]
- Nov 14	Production	[Ch 33: Varian]
<b>Week 15</b>		
- Nov 19	Welfare	[Ch 34: Varian]
- Nov 21	Externalities	[Ch 35: Varian]
<b>Week 16</b>		
- Nov 26	Public Goods	[Ch 37: Varian]
- Nov 28	Thanksgiving	
<b>Week 17</b>		
- Dec 3	<b>Comprehensive Final Exam</b>	

## Policies

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>."