### ECO 3101: Intermediate Microeconomics Syllabus

Zachary Jones Office Hours: Room 339 T 3:45-4:45pm, R 12:50pm-1:50pm or by Appointment Fall 2021 Course Time: T/R 7/8 Location: Mat 0103 Email: zacejones@ufl.edu Office: MAT 400

Prerequisites: Principles in Microeconomics (ECO 2023 or equivalent) and Survey of Calculus I (MAC 2233 or equivalent)

Required Texts: Microeconomics, 9th Edition by Robert Pindyck and Daniel Rubinfeld Online Copmonent: MyEconLab, Pearson Lab and Mastery. Instructions to access MyEconLab will be given in addition to the syllabus

# **Course Objective**

This course will examine some of the main ideas and tools in the field of Microeconomics. In this class we will cover consumer analysis and market demand, firm analysis and market supply, and various types market structures. The main purpose of this course is to give you the tools, both theorhetical and mathematical, to analyze economic problems.

# Grading Policy and Scale

- Grades are calculated as follows: Homeworks (25%), Exam 1 (25%), Exam 2 (25%), and Exam 3 (25%)
- Make-up exams must be arranged before the date of the exam. Make-up exams will only be offered for UF-related conflicts and religious holidays. Your academic obligations take precedence over personal and social commitments.
- An unexcused absence on the day of any exam will result in a grade of 0.
- In fairness to all students I will not accept any late work.

92.50-100: A	77.50-79.99: C+
90.00-92.49: A-	72.50-77.49: C
87.50-89.99: B+	70.00-72.49: C-
82.50-87.49: B	65.00-69.99: D
80.00-82.49: B-	0.00-64.99: E

Depending on class perfomance I will increase all grades so that the average will be at least a C. Final grades will not be rounded; a 92.49999 will be considered an A-.

A grade of C- is not a qualifying grade for major, minor, Gen Ed, or College Basic distribution credit. Requirements for class attendance and make-up exams, assignments, and otherwork in this course are consistent with university policies that can be found at:

 $\label{eq:http://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx \\ --AND---$ 

http://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

# **Course Format**

This course is offered in the HyFlex format. It will be delivered in person in MAT 0103, but lectures will also be streamed synchronously over Zoom. You can choose to attend lectures in person, or watch remotely using the Zoom link provided here:

https://ufl.zoom.us/j/92417843582?pwd=b0QzWDEvMThnZ09OeFFzSFpPWkZTdz09. Please note that this delivery modality could change as the public health situation evolves. The University, Department of Economics and I will continuously assess this situation. Regularly check your Canvas inbox and UF email account for future information on class delivery. If you attend face-to-face, masks are expected in all economics classes. https://coronavirus.ufl.edu/healthguidance/. Every Tuesday and Thursday the class will meet from 1:55pm-3:50pm. In addition to the in person and online course content delivery, there will also be online homework due each week in MyEconLab, almost always on Thursday at 1:55pm. There will be three noncumulative exams and all exams will be held during our regular class meeting time, from 1:55-3:50PM. Exams must be taken in person in Gainesville.

## Exams

All exams will be non-cumulative, and will only cover the course material for that specific section of the course. Any calculator can be used during the exam. No note pages, note cards, textbooks, internet access, or any other study aids are allowed to be used during each of the exams. Exams are taken in person in Gainesville.

# Exam Schedule

Exam 1	September 16	1:55pm-3:50pm
Exam 2	October 26	1:55pm-3:50pm
Exam 3	December 7	1:55pm-3:50pm

# **Homework Grading**

- 1. All homework will be done online via MyEconLab
- 2. All 13 assignments will carry the same weight towards the final grade, despite varying lengths.

- 3. You will be given two attempts on each online assignment
- 4. You may work in groups, but each group member must turn in their own individual assignment. Copying another studetns work is not permitted.
- 5. Your homework will be one of your greatest resources of studying for exams. Despite the fact that copying someone else's homework is not academically honest, it will significantly decrease your chances of doing well on the exams.

# **Homework Schedule**

Almost all homeworks are due on Thursdays at 1:55pm and will open by Friday at noon each week. The exception to this is the two Thursdays that are holidays. The deadline for these assignments will be extended to the following Tuesday.

Assignment	Opens	Closes
HW 1	Aug 27	Sep 2
HW 2	Sep 3	Sep 9
HW 3	Sep 10	Sep 16
HW 4	Sep 24	Sep 30
HW 5	Oct 1	Oct 7
HW 6	Oct 8	Oct 14
HW 7	Oct 15	Oct 21
HW 8	Oct 22	Oct 28
HW 9	Oct 29	Nov 4
HW 10	Nov 5	Nov 16
HW 11	Nov 12	Nov 18
HW 12	Nov 19	Nov 30
HW 13	Nov 26	Dec 2

# **UF** Policies and Assistance

### Attendance:

Absences will be excused in accordance with UF policy. Acceptable excuses include illness, religious holidays, military obligation, & the 12-day rule. More info about attendance and make-up policies can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx. Academic Honesty:

The University places a high premium on academic honesty. Accordingly, severe penal-ties are imposed for plagiarism and other instances of deception or fraud. The university's policies regarding intellectual honesty are detailed in the Student Honor Code

(see https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/). Counseling:

If you are ever having general issues with your coursework in any course or trouble in yourpersonal life, please seek help from myself or another faculty member. I also encourage youto utilize the FREE and ANONYMOUS services of the UF Counseling and Wellness Center (352- 392-1575; http://www.counseling.ufl.edu/cwc/).

### **Disabilities:**

"Students with disabilities requesting accommodations should first register with the Disabil-ity Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate doc-umentation. Once registered, students will receive an accommodation letter which mustbe presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester."

### **Online Course Evaluations:**

Students' feedback on the quality of instruction is extremely useful to the instructor to improve the quality of the course, therefore I strongly encourage you to conduct the onlineevaluation at https://evaluations.ufl.edu . Evaluations are typically open during the last twoor 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.

### **Class Recording Policy:**

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor. A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To "publish" means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

### **COVID-19 Specific Policies:**

In response to COVID-19, the following practices are in place to maintain your learning environment, to enhance the safety of our in-classroom interactions, and to further the health and safety of ourselves, our neighbors, and our loved ones.

• If you are not vaccinated, get vaccinated. Vaccines are readily available at no cost and have been demonstrated to be safe and effective against the COVID-19 virus. Visit this link for details on where to get your shot, including options that do not require an appointment:

https://coronavirus.ufhealth.org/vaccinations/vaccine-availability/. Students who receive the first dose of the vaccine somewhere off-campus and/or outside of Gainesville can still receive their second dose on campus.

- You are expected to wear approved face coverings at all times during class and within buildings even if you are vaccinated. Please continue to follow healthy habits, including best practices like frequent hand washing. Following these practices is our responsibility as Gators.
  - Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.
  - Hand sanitizing stations will be located in every classroom.
- If you sick, stay home and self-quarantine. Please visit the UF Health Screen, Test & Protect website about next steps, retake the questionnaire and schedule your test for no sooner than 24 hours after your symptoms began. Please call your primary care provider if you are ill and need immediate care or the UF Student Health Care Center at 352-392-1161 (or email covid@shcc.ufl.edu) to be evaluated for testing and to receive further instructions about returning to campus. UF Health Screen, Test & Protect offers guidance when you are sick, have been exposed to someone who has tested positive or have tested positive yourself. Visit the UF Health Screen, Test & Protect website for more information.
  - Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work.
  - If you are withheld from campus by the Department of Health through Screen, Test & Protect you are not permitted to use any on campus facilities. Students attempting to attend campus activities when withheld from campus will be referred to the Dean of Students Office.
- Continue to regularly visit coronavirus.UFHealth.org and coronavirus.ufl.edu for up-to-date information about COVID-19 and vaccination.

	Date	Topic	Chapters	Homework
Week 1	Aug 23- Aug 27	Math Review	3.1-3.2	
		Consumer Preferences		
	Budget Constraints			
Week 2	Aug 30 - Sep 3	Consumer Choice	3.3 - 3.5	HW1 Due
	Revealed Preference	4.1		
	Marginal Utility and Consumer Choice			
	Individual Demand			
Week 3	Sep 6 - Sep 10	Income and Substitution Effects	4.2 - 4.4	HW 2 Due
		Market Demand		
	Consumer Surplus			
Week 4	Sep 13 - Sep 17	Review		HW 3 Due
		Exam 1 on Sep 16		
Week 5 Sep 20 - Sep 24	Production Decisions	6.1 - 6.4		
	Production with One Variable Input	0.1 0.1		
	Production with Two Variable Inputs			
	Returns to Scale			
Week 6	Sep 27 - Oct 1	Costs	7.1 - 7.4	HW 4 Due
WCCR 0		Costs in the Short Run	1.1 1.4	IIII + Duc
	Costs in the Long Run			
	Cost Curves			
Week 7	Oct 4 - Oct 8	Perfect Competition	8.1-8.6	HW 5 Due
Week /	000 4 - 000 8	Profit Maximization	0.1-0.0	IIW 5 Due
		Choosing Output		
W 1.0		Short Run Supply	07	
week 8	Week 8 Oct 11 - Oct 15	Long Run Output	8.7	HW 6 Due
		Consumer & Producer Surplus	9.1-9.3	
		Efficiency of Competitive Markets		
111 1 0		Minimum Prices		
Week 9	Oct 18 - Oct 22	Quotas, Tariffs, Taxes, and Subsidies	9.4 - 9.6	HW 7 Due
		Review		
Week 10	Oct 25 - Oct 29	Exam 2 on Oct 26	10.1-10.3	HW 8 Due
		Monopoly		
Week 11 Nov 1 - Nov 5	Monopoly	10.4	HW 9 Due	
		Price Discrimination	11.1 - 11.2	
		Monopolistic Competition	12.1-12.2	
		Oligopoly		
Week 12	Nov 8 - Nov 12	Oligopoly	12.2-12.3	
		Price Competition		
		Nov 11-Veteran's Day: No Class		
Week 13	Nov 15 - Nov 19	Game Theory	13.1-13.5	HW 10 Due
Week 13	Nov 15 - Nov 19	÷	13.1-13.5	HW 10 Due HW 11 Due
Week 13	Nov 15 - Nov 19	Game Theory	13.1-13.5	
Week 13 Week 14	Nov 15 - Nov 19 Nov 22 - 26	Game Theory Repeated Games	13.1-13.5 16.2-16.3	
		Game Theory Repeated Games Sequential Games Efficiency in Exchange		
		Game Theory Repeated Games Sequential Games Efficiency in Exchange Equity and Efficiency		
Week 14		Game Theory Repeated Games Sequential Games Efficiency in Exchange Equity and Efficiency <b>Nov 25-Thanksgiving: No Class</b>	16.2-16.3	HW 11 Due
	Nov 22 - 26	Game Theory Repeated Games Sequential Games Efficiency in Exchange Equity and Efficiency <b>Nov 25-Thanksgiving: No Class</b> Efficiency in Production	16.2-16.3	HW 11 Due HW 12 Due
Week 14	Nov 22 - 26	Game Theory Repeated Games Sequential Games Efficiency in Exchange Equity and Efficiency <b>Nov 25-Thanksgiving: No Class</b>	16.2-16.3	HW 11 Due