

ECON 4010/6010–001
INTERMEDIATE MICROECONOMICS/MICROECONOMICS
Spring 2022

Instructor: Marcio Santetti

Office Hours: Before or after class, or by appointment

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Time: MoWe, 11:50AM–01:10PM

Place: BEH S 114

Overview

Important: For guidelines and practical recommendations concerning COVID-19, please constantly check out <https://coronavirus.utah.edu/>.

This course covers several topics within the neoclassical approach to Microeconomics. These include (i) consumer theory, (ii) the theory of the firm, (iii) market structures, (iv) welfare economics, and (v) game theory. This class is included in the University's Quantitative Intensive (QI) requirements.

Main References

Lectures will closely follow the required textbook's notation and structure. However, my lecture notes collect content from diverse references. Whenever a particular content is not present in the textbook, it will be made explicit.

Required textbook:

- W. Nicholson and C. Snyder, *Intermediate Microeconomics and its application*, 12th edition, Cengage, 2014.¹
 - This reference is available through *Inclusive Access*. Check out the *Bookshelf* tab on Canvas.
 - Older editions of this book may also be used.

Additional Reference (optional):

- H. Varian, *Intermediate Microeconomics: A modern approach*, 9th edition, W. W. Norton, 2014.

Prerequisites

ECON 2010, 2020, and 3620 (or equivalents).

¹Please make sure not to get Nicholson and Snyder's *Microeconomic Theory: Basic Principles and Extensions*. This is a Master's level book.

Course Outcomes

At the completion of this course, you will be able to:

1. Comprehend the neoclassical theory concerning the main areas within Microeconomics;
2. Think critically about the exposed topics;
3. Be comfortable with the motivations behind the studied models;
4. Develop an intuitive understanding of microeconomic principles.

Assignments, Exams, and Grading

- **Class participation:** In the absence of symptoms and contact with potentially infected individuals, attendance is a crucial part of the course.
- **Problem Sets:** By the end of each book chapter, students will have access to Problem Sets covering their most relevant topics. Students are *not* required to turn these in, so they can take their own time to complete them. The instructor will upload the answer keys two days before each exam. Thus, do not rely on waiting for the answer sheets to prepare for exams.
- **Quizzes (20%):** By the end of each chapter, students will be required to complete a quiz covering the main topics of each chapter. As soon as a chapter is concluded, students will be informed that quizzes will be made available on Canvas. These quizzes must be completed until the beginning of the following lecture, in which a new chapter will be started.
- **Midterm exams (40%):** There will be *two* Midterm exams. The first exam will cover consumer theory, and the second will cover producer theory topics. Both exams will be take-home. The two Midterms are worth 40% of the final grade.
- **Final exam (40%):** The Final exam is comprehensive, covering all studied topics. In principle, the final exam will also be take-home. As we get closer, new procedures may be adopted by the University. For the two Midterms and the Final exam, we will discuss an appropriate window allowing every student to have time to complete these.

Important note 1: Quiz questions will have either multiple-choice or True/False questions. The other exams will have “short-answer” and “longer-answer” problems. The latter will strongly resemble the structure of Problem Sets’ questions.

Important note 2: For *any* assignment, if an answer contains a direct “Copy+Paste” from the lecture notes, or if it is copied from someone else’s work, **no credit will be given**. Read more in the *Academic Dishonesty* section, on page 5.

Important note 3: Throughout the semester, several opportunities for **extra credit** will be made available both in class and on Canvas.

Important Dates

- **Classes begin:** Jan 10
- **Last day to add/drop classes:** Jan 21
- **Martin Luther King Jr. Day holiday:** Jan 17
- **Presidents Day holiday:** Feb 21
- **Midterm Exams:** Feb 16, TBA
- **Last day to withdraw from classes:** Mar 4
- **Spring Break:** Mar 6–13
- **Final Exam:** May 4, time TBA

Letter Grade Distribution

<i>Performance</i>	<i>Letter Grade</i>
Excellent, superior performance	A (93-100%), A- (90-92.9%)
Good performance	B+ (87-89.9%), B (83-86.9%), B- (80-82.9%)
Standard performance	C+ (77-79.9%), C (73-76.9%), C- (70-72.9%)
Substandard performance	D+ (67-69.9%), D (63-66.9%), D- (60-62.9%)
Unsatisfactory performance	E (0-59.9%)

Class Policies

You can expect me to:

- Ask exam questions that reflect what has been studied in class and viewed in questions from Problem Sets;
- Grade and provide feedback on assignments and exams within one week from the due date;
- Reply to emails/messages within 24 hours during the week and within 48 hours on week-ends and holidays;
- Provide time for office hours as stated on page 1, where students can ask every question and talk about any issues/concerns relative to our class.
- Ignore emails asking me to raise grades by the end of the semester.

I expect students to:

- Come to class in time;
- Check out Announcements and new content updates as soon as possible;
- Take the exams on the scheduled dates. No make-up exams will be allowed;
- Respectfully participate in in-class discussions and activities;
- Immediately notify me in the event of an emergency that prevents you from doing an exam or completing the course;
- Ask questions if any expectations or assignments are unclear.

Tentative Course Schedule

- **Week 1:** Course introduction; Intro to economic models; Math refresher.
- **Week 2:** The theory of choice and utility.
- **Week 3:** Demand curves.
- **Week 4:** The theory of production I.
- **Week 5:** The theory of production II.
- **Week 6:** Cost theory.
- **Week 7:** Profit maximization.
- **Week 8:** Perfect competition.
- **Week 9:** General equilibrium and welfare.
- **Week 10:** Monopoly.
- **Week 11:** The Edgeworth Box.
- **Week 12:** Game Theory I.
- **Week 13:** Game Theory II.
- **Week 14:** Open for adjustments.²
- **Week 15:** Course wrap-up and review.

Important Note

This syllabus is meant to serve as an outline and guide for our course. Please note that I may modify it with reasonable notice to you. I may also modify the Course Schedule to accommodate the needs of our class. Any changes will be announced in class and posted on Canvas under *Announcements*.

²This week is open for adjustments, in case we need to review some week's content or assignment.

Institutional Policies and Procedures

Faculty and Student Responsibilities

All students are expected to maintain professional behavior in the classroom setting, according to the Student Code, spelled out in the Student Handbook. Students have specific rights in the classroom as detailed in Article III of the Code. The Code also specifies proscribed conduct (Article XI) that involves cheating on tests, plagiarism, and/or collusion, as well as fraud, theft, etc. Students should read the Code carefully and know they are responsible for the content. According to Faculty Rules and Regulations, it is the faculty responsibility to enforce responsible classroom behaviors, beginning with verbal warnings and progressing to dismissal from class and failing grade. Students have the right to appeal such action to the Student Behavior Committee. “Faculty . . . must strive in the classroom to maintain a climate conducive to thinking and learning.” PPM 8-12.3, B.

“Students have a right to support and assistance from the University in maintaining a climate conducive to thinking and learning.” PPM 8-10, II. A.

Wellness Statement

Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a students ability to succeed and thrive at the University of Utah. For helpful resources contact the Center for Student Wellness: www.wellness.utah.edu, 801-581-7776.

Student Names & Personal Pronouns

Class rosters are provided to the instructor with the students legal name as well as “Preferred first name” (if previously entered by you in the student profile section of your CIS account). While CIS refers to this as merely a preference, I will honor you by referring to you with the name and pronoun that feels best for you in class, on papers, exams, group projects, etc. Please advise me of any name or pronoun changes (and update CIS) so I can help create a learning environment in which you, your name, and your pronoun will be respected.

Academic Dishonesty

The instructor of this course will take appropriate actions in response to Academic Dishonesty, as defined the Universitys Student Code. Acts of academic dishonesty include but are not limited to:

- Cheating: using, attempting to use, or providing others with any unauthorized assistance in taking quizzes, tests, examinations, or in any other academic exercise or activity. Unauthorized assistance includes:
 - Working in a group when the instructor has designated that the quiz, test, examination, or any other academic exercise or activity be done individually;
 - Depending on the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;
 - Substituting for another student, or permitting another student to substitute for oneself, in taking an examination or preparing academic work;
 - Acquiring tests or other academic material belonging to a faculty member, staff member, or another student without express permission;
 - Continuing to write after time has been called on a quiz, test, examination, or any other academic exercise or activity;

- Submitting substantially the same work for credit in more than one class, except with prior approval of the instructor; or engaging in any form of research fraud.
- Falsification: altering or fabricating any information or citation in an academic exercise or activity.
- Plagiarism: representing, by paraphrase or direct quotation, the published or unpublished work of another person as one's own in any academic exercise or activity without full and clear acknowledgment. It also includes using materials prepared by another person or by an agency engaged in the sale of term papers or other academic materials.

Sexual Harassment

Title IX of the Education Amendments of 1972 prohibits sex discrimination against any participant in an educational program or activity that receives federal funds. The act is intended to eliminate sex discrimination in education. Title IX covers discrimination in programs, admissions, activities, and student-to-student sexual harassment. It is the policy of the University of Utah to maintain an academic and work environment free of sexual harassment for students, faculty, staff and participants. A claim under this policy may be brought by any faculty, staff member, student or participant based on the conduct of any University employee or student that is related to or in the course of University business. A claim may also be brought by an administrator acting on behalf of the University. The Office of Equal Opportunity and Affirmative Action (OEO/AA) will handle all alleged sexual harassment matters pursuant to the Procedures set forth in Policy 5-210.

Any student, staff, faculty member, or participant in university services or activities who believes that there is or has been sexual harassment should contact any of the following:

- the cognizant academic chair of the department or the dean of the college within which the conduct occurred;
 - the immediate supervisor or director of the operational unit within which the conduct occurred;
 - the Human Resources Division (Address: 420 Wakara Way, Suite 105, Salt Lake City, Utah 84108; Phone: 801-581-2169; TDD: 801-585-9070);
 - directors or deans of Student Affairs and Services (Associate Dean - SW 108; Phone: 801-581- 8828);
 - or the Office of Equal Opportunity and Affirmative Action (201 South Presidents Circle, John Park Building, Room 135, Salt Lake City, Utah 84112; Phone/TDD: 801-581-8365).

Once informed, the supervisor, chair or dean shall consult with OEO/AA. Similarly, OEO/AA shall advise as appropriate the cognizant dean, staff director or administrator of any complaints of sexual harassment OEO/AA receives concerning a member of the faculty, staff or student body.

Withdrawal Policy and "I" Grade

Failure to withdraw from school results in a E or EU grade being recorded in all classes. Students may officially withdraw (*W*) from a class or all classes after the drop deadline through the midpoint of a course. A *W* grade is recorded on the transcript and appropriate tuition/fees are assessed. The grade of *W* is not used in calculating the students GPA.

An Incomplete grade can be given for work not completed due to circumstances beyond your control. You must be passing the course and have completed at least 80% of the required course-work. Arrangements must be made between you and the instructor concerning the completion of

the work. You may not retake a course without paying tuition. If you attend class during a subsequent term, in an effort to complete the coursework, you must register for the course. Once the work has been completed, the instructor submits the grade to the Registrars Office. The *I* grade will change to an *E* if a new grade is not reported within one year. A written agreement between you and the instructor may specify the grade to be given if the work is not completed within one year. Copies of the agreement are kept by the instructor and the academic department.

Americans with Disabilities Act (ADA) Statement

The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability Services.

Additionally, the University endeavors to provide reasonable accommodations and to ensure equal access to qualified persons with disabilities. Inquiries concerning perceived discrimination or requests for disability accommodations may be referred to the University's Title IX/ADA/Section 504 Coordinator: Director, Office of Equal Opportunity and Affirmative Action, 201 South Presidents Circle, Rm. 135, Salt Lake City, UT, 84112. 801-581-8365 (voice/tdd), 801-585-5746 (fax). www.oeo.utah.edu.