

COURSE NAME: Microeconomic Theory with Applications

COURSE NUMBER: 16:395:505

SEMESTER: Fall 2022

MEETING DAYS, TIMES, AND PLACE: Monday and Thursday 12:10pm-1:30pm
Cook Office Building, Conference Room 118
55 Dudley Road, New Brunswick, NJ 08901-141

CONTACT INFORMATION:

Instructor(s): Prof. Yanhong Jin

Email: Yanhong.Jin@Rutgers.edu

Office Hours: Tuesday 1:30pm-2:30pm

In person, online, or by appointment

Address: Cook Office Building, Room 115

55 Dudley Road, New Brunswick, NJ 08901

Zoom: Topic: Dr. Jin's Office Hour

Meeting ID: 925 5603 8730

Password: 730124

<https://rutgers.zoom.us/j/92556038730?pwd=ZmNhaExKMHR5QzJSTHlpZzBrTGNFUT09>

COURSE DESCRIPTION: This course focuses on fundamental topics in microeconomic theory using verbal, graphical and mathematical techniques. The topics covered are consumer and producer theories, perfect market competition, imperfect competition and market power, market failure, uncertainty and risk, and game theory. The emphasis of the course will be on developing and sharpening the capability to apply microeconomic theory and concepts to address specific research questions.

PREREQUISITE: Calculus and intermediate microeconomic theory

TEXTBOOK: “Microeconomic Theory: Basic Principles and Extensions (11th edition) by Walter Nicholson and C. Snyder

ASSIGNMENTS/RESPONSIBILITIES, GRADING & ASSESSMENT:

Tentatively, there are two exams. Each exam consists of **multiple-choice questions and problem solving**. **Exams are not cumulative**, but they are related to each other.

Grading is based on the university standard grading system with the following weight contributions:

<u>Instruments</u>	<u>Percent of Final Grade</u>
Homework	10%
Quizzes	20%
Exam 1	35%
Exam 2	35%

Homework assignments will be provided to allow you to gain mastery over the topics covered in class. Students are encouraged to work in a study group. However, each student is responsible for his/her own answers and homework submissions and must hand in his/her own report. A late submission of any homework or quiz will not be accepted unless a valid written excuse can be provided.

Quizzes are scheduled in Canvas.

Exams The tentative exam dates are listed in the course syllabus and the course website. They will be confirmed at least one week before the exam dates.

Exam I is tentatively scheduled in class towards the end of **October**, covering Chapters 1-6 and 9-11.

Exam II is tentatively scheduled in **December**, covering Chapters 12-16, 7-8, and 18-19.

No make-up exam will be given. Students who miss the exam and are unable to provide a valid excuse will receive a grade of zero on the missed exam. Special arrangement can be made for students who miss the exam and can provide a valid written excuse prior to the exam.

Grades **will not be given** via e-mail. It is the university policy that under no circumstances instructors are permitted to transmit grades via e-mail -- No Exceptions.

CLASS OUTLINE (Tentative)

The following table provides a tentative course outline. However, the instructor reserves the right of changing course materials and schedules if it is necessary to facilitate learning. Such changes will be discussed in class before they are implemented.

Week	Chapter
1	Introduction: Economic Models and Mathematics for Microeconomics (chapters 1 and 2)
2, 3, 4	Choice and demand (chapters 3, 4, 5, and 6)
5, 6	Production and Supply (chapters 9, 10, 11)
7	Exam 1 prep and Exam Tentatively, Midterm is scheduled in October
8	Competitive Markets (Chapters 12 and 13)
9	Market Power (Chapters 14 and 15)
10	Pricing in Input Market (chapters 16)
11, 12	Uncertainty and Strategy (Chapters 7 and 8)
13-14	Market Failure (Chapters 18 and 19)
Dec. 10	Final Review
Dec. 18	Second Exam

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

ABSENCE POLICY

Students are expected to attend all classes; if you expect to miss one or two classes, please use the University absence reporting website <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. An email is automatically sent to me.

ACADEMIC INTEGRITY

I would like to remind everyone that the department and the university would not tolerate any violations of the university code of academic integrity, including plagiarism and cheating. Such violations are harmful to everyone and only serve to poison the atmosphere of openness and mutual trust on which an academic department depends.

The university's policy on Academic Integrity is available at <http://academicintegrity.rutgers.edu/academic-integrity-policy>. The principles of academic integrity require that a student:

- properly acknowledge and cite all use of the ideas, results, or words of others.
- properly acknowledge all contributors to a given piece of work.
- make sure that all work submitted as his or her own in a course or other academic activity is produced without the aid of impermissible materials or impermissible collaboration.
- obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with his or her interpretation or conclusions.
- treat all other students in an ethical manner, respecting their integrity and right to pursue their educational goals without interference. This requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
- uphold the canons of the ethical or professional code of the profession for which he or she is preparing.

Adherence to these principles is necessary in order to ensure that

- everyone is given proper credit for his or her ideas, words, results, and other scholarly accomplishments.
- all student work is fairly evaluated and no student has an inappropriate advantage over others.
- the academic and ethical development of all students is fostered.
- the reputation of the University for integrity in its teaching, research, and scholarship is maintained and enhanced.

Failure to uphold these principles of academic integrity threatens both the reputation of the University and the value of the degrees awarded to its students. Every member of the University community therefore bears a responsibility for ensuring that the highest standards of academic integrity are upheld.

STUDENT WELLNESS SERVICES

Just In Case Web App <http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901 / www.rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Scarlet Listeners

(732) 247-5555 / <https://rutgers.campuslabs.com/engage/organization/scarletlisteners>

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.

STATEMENT ON DIVERSITY

This course is designed to cater to the diverse learning needs of students coming from various backgrounds. We are committed to fostering an inclusive and supportive learning environment that values a wide range of perspectives. Recognizing that students may require varying levels of support, our course materials are thoughtfully structured to encourage mutual learning, interaction, collaboration, self-reflection, critical thinking, and the formulation of evidence-based respectful, arguments. We embrace and celebrate diversity, firmly believing that collaborative student engagement enhances the educational experience for all. If you possess a documented learning difference that impact your ability to achieve your full potential, we encourage you to reach out to us at your earliest convenience. We are here to explore accommodations that can facilitate your successful completion of this course. Additionally, you can contact the Office of Disability Services at 848-202-3111.

Have a fun, productive semester!