Course title	Microeconomic Analysis II				
Responsible person to enter grades			開講区分	単位数	
			1st semester	2.0	
Numbering Code		Day · Period, etc.	Fri3(対面)	Timetable Slot Code	1J368
Building on foundational topics covered in Microeconomic Analysis I, this course shifts focus from the consumer to the producer during the first eight weeks of class. Students will come to better understand the constraints that producers face and how they try to make themselves as well off as possible in a world of sacrity. After the midterm, students will learn fundamental concepts within the field of game theory, which is a powerful tool used to analyze strategic interactions between cooperative and non-cooperative players. Finally, concepts from producer and game theory will be brought together to better understand firm behavior in markets with imperfect competition. Lesson target Upon completion of this course, students will be able to: (1) use economic reasoning to explain the strategic choices of individuals or firms, (2) explain the functioning of factor markets and the determination of input prices, (3) explain the conditions needed for profit maximization, both in the short and long-run, for a firm operating in a perfectly competitive market, (4) solve strategic form games by first identifying dominant strategies, Nash equilibria, and mixed strategies, and (5) analyze firm behavior in markets with imperfect compotition. Syllabus and plan Weeks 1 and 3 - Producer Theory I: Production and Cost Curves Weeks 4 and 5 - Producer Theory II: Profit Max and Short-Run Supply Weeks 8 and 7 - Production Theory III: Long-Run Supply and the Partial Equilibrium Model Weeks 9 and 10 - Game Theory II: Pura and Mixed Strategies Weeks 11 and 12 - Game Theory II: Pura and Mixed Strategies Weeks 13 and 14 - Market Power: Monopoly and Imperfect Competition Weeks 15 and 16 Wrap Up, Summary, and Final Exam **Please note, classes scheduled between April 28th and Way 14th will be conducted online and on an on-demand basis. Pre-recorded lecture videos will be provided to students for topics covered during this period. The schedule is subject t					
Evaluation metho Quizzes (20%) Midterm Exam (30 Final exam (50%)	d %)				

Evaluation baseline

Students will be assessed on their ability to solve profit-maximizing decisions within perfectly and imperfectly competitive markets. Upon completion of the course, students must also be able to solve strategic form games, which requires an understanding of dominant and mixed strategies and Nash equilibrium.

The final and midterm exams will be closed book. No notes are allowed during either exam. The final exam will cover all topics covered in Week 1 and onwards.

The grading scale used for this course is: 90 - 100: S 80 - 89: A 70 - 79: B 60 - 69: C <60: Fail

Notice (include info. on related class)

Exchange students (special auditing students) are allowed to register for this course. All students are expected to be proficient in calculus (derivatives and integrals) and intermediate-level statistics prior to taking this course.

In addition, students must have completed Microeconomic Analysis I (or a similar course) if they would like to attend this class. Students, in other words, should know the following topics - utility maximization, duality, the Slutsky Equation, utility maximization under uncertainty, and general equilibrium models - before taking this course. Many topics covered in this course will build upon these prior concepts.

Review and preparation

Students are expected to read the corresponding articles/textbook chapters before coming to class. I will also post additional review material on the class webpage. Please make sure to check the course website regularly.

I would suggest reviewing calculus, linear algebra, statistics and your notes from Microeconomic Analysis I before the first day of class.

Office hour · Contact information

Office hours: by appointment only Office location: Frontier Hall for Social Sciences Room 812 Email: wolf@econ.kobe-u.ac.jp

Message for student

Please work through the examples discussed in class a second time at home to better your understanding of the course material. Feel free to ask questions if you are ever confused.

You will find this course cumbersome if you do not read the corresponding textbooks chapters/articles at home.

Improvemenets in Teaching

Text

Microeconomic Theory: Basic Principles and Extensions 12th Edition / Walter Nicholson and Christopher Snyder : Cengage Learning ,2017 ,ISBN:9781305505797 Mathematics for Economists / Carl P. Simon, and Lawrence Blume : W. W. Norton & Company ,1992 ,ISBN:9780393957334 Game Theory / D. Fudenberg and J. Tirole : MIT Press ,1991 ,ISBN:9780262061414 Intermediate Microeconomics: A Modern Approach 8th Edition / Hal Varian : W W Norton & Co Inc ,2009 ,ISBN:393934241

Classroom Language

English English

Keywords

Microeconomics, profit maximization, game theory, market power, exchange students (special auditing students)