

Course title	KIMAP Intermediate Microeconomics				
Responsible person to enter grades	DAVID Michael WOLF		開講区分	単位数	
			1st semester	1.0	
Numbering Code		Day・Period, etc.	Fri2(対面)	Timetable Slot Code	1J394

#### Lesson topic

This is designed as an intermediate course in microeconomics. Topics include: the mathematical foundations of economic theory, the theory of individual economic behavior from the perspective of the consumer and the firm, welfare economics and markets in perfect competition and general equilibrium. The purpose of this course is to extend students' knowledge of consumer and producer theory, which is one the key elements in the professional training of an economist, and provide insight into how economic models can be used for policy analysis.

#### Lesson target

Students will be introduced to calculus-based microeconomic theory, which will be helpful for future work in applied economics and graduate-level courses in economics. Upon completion of the course, students should be able to understand how individuals and firms make themselves as well off as possible in a world with scarcity, use basic calculus to solve optimization problems and apply microeconomic principles and diagrams to explain economic events and other real-world phenomena.

#### Syllabus and plan

##### Topics:

Weeks 1 - 2: Introduction, Administration and Preferences and Utility  
Weeks 3 - 4: Consumer Choice  
Weeks 5 - 6: Demand and Revealed Preference  
Weeks 7 - 8: Income and Substitute Effects and Midterm Achievement Check  
Weeks 9 - 10: Technology and Profit Maximization  
Weeks 11 - 12: Cost Minimization and Cost Curves  
Weeks 13 - 14: Firm Supply and Market Equilibrium  
Weeks 15 - 16: Wrap-up, Summary, and Final Exam

\*\*Please note, classes scheduled between April 28th and May 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 to change as the semester progresses. This class will be conducted in principle face-to-face. I will notify you via Google Classroom and mention in class beforehand if a class will be conducted online instead of in person.

In addition, due to university regulations the final exam will be conducted in person and will be scheduled during the 15th or 16th week of the course. During the non-exam week (i.e., either the 15th or 16th week), a final class

#### Evaluation method

Quizzes (20%)  
Midterm achievement check (30%)  
Final exam (50%)

#### Evaluation baseline

Students should be able to understand and work through problems related to consumer and producer theory. Topics related to market equilibrium will also be assessed.

The midterm achievement check and final exam will be closed book.

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)

Elementary microeconomics and at least one course in calculus should be taken prior to this course if possible. All students are expected to have a firm understanding of functions and differential calculus and a basic understanding of consumer and producer theory (i.e. utility and profit maximization) before entering this course.

Exchange students (special auditing students) are allowed to register for this course.

#### Review and preparation

Students are expected to read the corresponding chapters from the course textbook before coming to class. I will also post additional review material, including extra practice problems, on the class webpage throughout the semester. Please make sure to do these extra problem sets prior to the midterm achievement check and final exam.

I would suggest reviewing differential calculus before the first day of class as some prior understanding of functions and derivatives is absolutely necessary to be successful in this class.

#### Office hour · Contact information

Office hours: by appointment only.

Office location: Frontier Hall for Social Sciences Room 812

Email address: wolf@econ.kobe-u.ac.jp

#### Message for student

Please work through all the examples presented in class and feel free to ask questions at any time if you are ever confused.

You will find this course cumbersome if you do not (1) read the corresponding textbooks chapters before coming to class and (2) work through the practice problems posted on the class webpage.

#### Improvements in Teaching

#### Text

Intermediate Microeconomics: A Modern Approach 8th Edition / Hal Varian : W W Norton & Co Inc ,2009 , ISBN:393934241

#### Reference Material

Microeconomics 8th Edition / Jeffrey Perloff : Pearson ,2018 , ISBN:9780134519531

Classroom Language

English

English

Keywords

Microeconomics, calculus, exchange students (special auditing students)

Classes will be conducted partially online (using an on-demand style) and partially face-to-face.