

## **Syllabus for Graduate School of Economics**

Subject	Microeconomics I (E)	Semester, Date and Period of the class	Fall Semester Tuesday, 2 <sup>nd</sup> Period
Subject selection	Basic Courses	Years	1-2
Instructor	Maria MARTIN-RODRIGUEZ (Graduate School of Economics)		
Office hour	Available upon request		
<b>Course Aims :</b> This course aims that students will deepen understanding of the basic concept of market and its pros and cons in order to acquire the skills and ways of thinking required for the proper application of economic theory to real-life problems.			
<b>Course Objectives :</b> At the end of the course, students will be able to explain the interaction of consumers and producers in perfectly competitive markets, and how the simple but powerful concepts of demand and supply determine the equilibrium (aggregate production and price level). They will also be able to tell why the markets are usually, but not always, an efficient way of allocating scarce resources.			

#### Class content

1 ( <i>October 6</i> )	Introduction.
2 ( <i>October 13</i> )	Basic Concepts and Two Simple Models.
3 ( <i>October 20</i> )	The Gains from Trade. <i>Problem Set 1.</i>
4 ( <i>October 27</i> )	<i>Quiz 1.</i> The Demand.
5 ( <i>November 10</i> )	The Demand. <i>Problem Set 2.</i>
6 ( <i>November 17</i> )	The Supply.
7 ( <i>November 24</i> )	The Supply. <i>Problem Set 3.</i>
8 ( <i>December 1</i> )	<i>Quiz 2.</i> The Market Equilibrium.
9 ( <i>December 8</i> )	The Public Intervention.
10 ( <i>December 15</i> )	The Public Intervention. <i>Problem Set 4.</i>
11 ( <i>December 22</i> )	<i>Quiz 3.</i> The Monopoly.
12 ( <i>January 12</i> )	The Monopoly. <i>Problem Set 5.</i>
13 ( <i>January 19</i> )	Externalities and Public Goods.
14 ( <i>January 26</i> )	Externalities and Public Goods. <i>Problem Set 6.</i>
15 ( <i>February 2</i> )	Final Exam.
<b>Grading Methods and Criteria:</b> Students will be evaluated according to three 30-minute-quizzes (15% each), and a final exam (55%). A minimum grade of C in each category is necessary to receive a passing grade.	
<b>Instructions for Out-of-Class Study:</b> Students must read the chapter in the book corresponding to each weekly lecture in advance. They should also attempt to solve the problem sets by themselves before the solution is provided.	
<b>Textbooks and Reference books:</b> Mankiw, N. Gregory, "Principles of Microeconomics," International edition of 6th revised edition, South-Western, 2012.	
<b>Prerequisites/Related Courses/Notice to students:</b> Students must be familiar with linear functions, linear systems of equations, derivatives and calculating areas.	

Subject	Econometrics I (E)	Semester, Date and Period of the class	Fall Semester Monday, 3 <sup>rd</sup> Period
Subject selection	Basic Courses	Years	1-2
Instructor	Maria MARTIN-RODRIGUEZ (Graduate School of Economics)		
Office hour	Available upon request		
<b>Course Aims :</b> This course aims that students will deepen understanding of elementary statistics in order to acquire the skills and ways of thinking required for performing statistical inference applied to real-world problems correctly.			
<b>Course Objectives :</b> At the end of the course, students will be able to differentiate between a population and a sample, to interpret descriptive statistics, to define probabilistic events, and to perform statistical inference based on different probability distributions. They will also be equipped to learn linear regression analysis in the next semester.			

#### Class content

1 ( <i>October 5</i> )	Descriptive Analysis and Presentation of Single-Variable Data.
2 ( <i>October 12</i> )	Descriptive Analysis and Presentation of Bivariate Data.
3 ( <i>October 19</i> )	Probability I: Probability of Events.
4 ( <i>October 26</i> )	Probability II: Conditional Probability of Events; Rules of Probability.
5 ( <i>November 2</i> )	Probability III: Mutually Exclusive Events and Independent Events.
6 ( <i>November 9</i> )	<i>Problem Set 1.</i>
7 ( <i>November 16</i> )	<i>Midterm 1.</i>
8 ( <i>November 30</i> )	Probability Distributions.
9 ( <i>December 7</i> )	Normal Probability Distributions.
10 ( <i>December 14</i> )	Applications of Normal Distributions.
11 ( <i>December 21</i> )	Sample Variability.
○; <sup>12</sup> ( <i>December 26</i> )	Statistical Inferences.
13 ( <i>January 18</i> )	<i>Problem Set 2.</i>
14 ( <i>January 25</i> )	<i>Midterm 2.</i>
15 ( <i>February 1</i> )	Final Exam.
<b>Grading Methods and Criteria:</b> Students will be evaluated according to two midterms (25% each), and a final exam (50%). A minimum grade of C in each test is necessary to receive a passing grade.	
<b>Instructions for Out-of-Class Study:</b> Students must read the chapter in the book corresponding to each weekly lecture in advance. They should also attempt to solve the problem sets by themselves before the solution is provided.	
<b>Textbooks and Reference books:</b> Johnson, R., Kuby, P., 2012. Elementary Statistics, International edition of the 11th revised edition, Cengage Learning.	
<b>Prerequisites/Related Courses/Notice to students:</b> Students must have some basic notions of linear algebra and probability.	

Subject	Business History II (E)	Semester, Date and Period of the class	Fall Semester Wednesday, 5 <sup>th</sup> Period
Subject selection	Basic Courses	Years	1-2
Instructor	Naoki FUKUZAWA (Graduate School of Economics)		
Office hour	Thur. 14:45 to 15:45 (or on request. Take appointment by e-mail etc.)		
<b>Course Aims :</b>			
This course enhances applicable ability in considering the concrete reasons and logics of the change in the predominant form of the enterprises in the modernization in various era, circumstance and regions of the world, with the background of economic history.			
<b>Course Objectives :</b>			
Students will understand how the modern society was originally formed and what kind of structure has been brought to the society, and thus be able to explain the logic of the dynamics of the modern economic society.			

#### Class content

1	Introduction
2	The Economic Development in the Nineteenth Century --- Basic Determinants
3	The Institutional Framework of the Economy in the Nineteenth Century
4	Patterns of the Industrialization --- Great Britain, France
5	Patterns of the Industrialization --- Germany, the United States
6	Patterns of the Industrialization of the Latecomers --- Imperial Russia, Japan
7	Finance and Banking, and the Role of the State in the late Nineteenth Century
8	The Growth of the World Economy in the Nineteenth Century --- The Free Trade Era
9	The Great Deflation and the Return to Protectionism; so called Imperialism
10	Overview of the World Economy at the Beginning of the Twentieth Century
11	The New Form of the Enterprises
12	International Economic Disintegration after WWI
13	The Great Depression and the Aftermath
14	Rebuilding the Economy after WWII --- Perspective
15	Summary
<b>Grading Methods and Criteria:</b>	
Essays: 50%, Active Participation to the discussion: 10%, Students' Presentation: 40%. The course withdrawal system is not used. It will be "absent" if students do not submit the final reports. Criterion for evaluation is students' understanding about the logic of the historical development to the modern economic society, the structure of the world economy and ongoing change in the form of the enterprises.	
<b>Instructions for Out-of-Class Study:</b>	
To read the part of the textbook for the next time and to prepare for the discussion will be at least required.	
<b>Textbooks and Reference books:</b>	
Cameron, Rondo / Neal, Larry, A Concise Economic History of the World --- From Paleolithic Times to the Present, 4th ed., Oxford Univ. Press, 2003. (Mainly the second half of the text will be used.) Caution! This is not the newest version. (Several exemplars of this book are available in the Econ. Library.)	
<b>Prerequisites/Related Courses /Notice to students:</b>	

A presentation in the class for a certain part of the text will be obligatory. Two essays will be required at the end of the semester. The same textbook (mainly the first half) will be used next year (in the lecture 'European Economic History A' in the autumn semester 2021).

Subject	Special Lecture for Basic Subjects (Practical Management I) (E)	Semester, Date and Period of the class	Fall Semester Thursday, 2 <sup>nd</sup> Period
Subject selection	Basic Courses	Years	1-2
Instructor	Wan Ling LEE (Graduate School of Economics)		
Office hour	Tuesday and Wednesday, 2pm to 3pm		
<b>Course Aims :</b> This course will help the students to understand concepts and application of financial tools, valuation, rates of return and cost of capital. Students will learn how capital markets function, about different types of securities and financing instruments that exist. Corporate finance on managing the long-term and short-term financing are given particular attention as well.			
<b>Course Objectives :</b> 1. Understand the basic concepts of Corporate Finance and importance of Financial Management within any organization. 2. Understand and explain the optimal capital structure and payout policy. 3. Explain and evaluate the sources of equity and debt finance available to business. 4. Explain and apply different methods to manage long-term and short-term financing.			

#### Class content

1	The Corporation and Financial Markets
2	Capital Markets and Pricing of Risks
3	Optimal Portfolio Choice
4	Capital Asset Pricing Model
5	Estimating the Cost of Capital
6	Investor Behavior and Capital Market Efficiency
7	Mid-term Exam
8	Capital Structure in a Perfect Market
9	Payout Policy
10	Long-term Financing: Raising Equity Capital
11	Long-term Financing: Debt Financing
12	Long-term Financing: Leasing
13	Short-term Financing: Working Capital Management
14	Short-term Financing: Short-term Financial Planning
15	Final Exam
<b>Grading Methods and Criteria:</b> Mid-term exam (20%) – on week 7 Final exam (30%) – on week 15	

Assignment (30%) – Due at the end of the 15th class

Quiz (10%) – a brief test conducted randomly during one of the lectures.

Participation (10%)

To receive a passing grade, students must be able to properly explain, understand the basic concepts related to corporate finance and be able to evaluate the source of equity and debt. A passing grade is predicated on the ability to discuss corporate finance and apply the skills using knowledge and concepts learned through the course. Assignment will be assessed according to the rubric distributed in the class. Grading between S-F will be based on the total marks of all evaluation methods.

**Instructions for Out-of-Class Study:**

Students are encouraged to read current financial issues available on newspaper to be related to the topics taught.

**Textbooks and Reference books:**

Berk, J. and DeMarzo, P. (2019). *Corporate Finance 5<sup>th</sup> Edition*. Pearson

Materials such as slides and any reading material created by the instructor will be available on NUCT.

**Prerequisites/Related Courses /Notice to students:**

Students are expected to maintain integrity of the course by honest behavior and by avoiding plagiarism on all coursework. Students who absent for 5 classes without any genuine reason will be considered grade “absent”.

Subject	Special Lecture for Basic Subjects (International Accounting B) (E)	Semester, Date and Period of the class	Fall Semester Friday, 1 <sup>st</sup> Period
Subject selection	Basic Courses	Years	1-2
Instructor	Akihiro Noguchi (Graduate School of Economics) Mehriban AHMADOVA (Graduate School of Economics)		
Office hour	Monday 13:30-14:30 with appointment		
<b>Course Aims :</b> This course is intended to provide an opportunity for students to learn and understand international aspects of accounting, which will enhance ability to do research and look for solutions for the accounting policy making.			
<b>Course Objectives :</b> The goals of this course are to <ul style="list-style-type: none"> <li>• be able to understand and explain the country uniqueness (including legal aspects) of accounting policy using Japan as an example.</li> <li>• be able to understand and explain some advanced contents of financial accounting such as consolidated financial statements.</li> </ul>			

#### Class content

1	Introduction
2	History of Japanese Accounting
3	Corporate Disclosure in Japan: Overview
4	Chapter 11 Financial Reporting in Japan
5	Corporate Disclosure in Japan: Auditing
6	Stated Capital
7	Distributable Amount
8	Japanese GAAP and JMIS
9	Chapter 2: Accounting for Business Combinations
10	Chapter 3: Consolidated Financial Statements-Date of Acquisition
11	Chapter 4: Consolidated Financial Statements After Acquisition
12	Chapter 5: Allocation and Depreciation of Differences Between Implied and Book Values
13	Chapter 11: International Financial Reporting Standards
14	Presentation of essay
15	Summary
<b>Grading Methods and Criteria:</b> Your overall grade in the class will be decided based on the following: Test and Quizzes in NUCT (30%), Presentation (40%), Essay (30%). Passing criteria is 60% of the overall grade.	
<b>Instructions for Out-of-Class Study:</b> You will be required to read all of the assigned readings and prepare presentation for the assigned accounting issues.	
<b>Textbooks and Reference books:</b>	

Christopher Nobes & Robert B. Parker, Comparative International Accounting, Pearson Education Limited; 13th edition, ISBN-13: 978-1292081908

Debra C. Jeter & Paul K. Chaney, Advance Accounting, Wiley; 7th edition, ISBN 978-1-119-37325-4

Carsten Gerner-beuerle & Michael Schillig, Comparative Company Law, Oxford University Press, ISBN-13: 978-0199572205

**Prerequisites/Related Courses /Notice to students:**

Ability to speak and discuss accounting and bookkeeping in English will be required to attend this course. This course is recommended for students who have finished studying Introductory Accounting and Financial Accounting (or Intermediate Accounting).

Subject	Special Lecture for Basic Subjects (international Economics B) (E)	Semester, Date and Period of the class	Fall Semester Monday, 5 <sup>th</sup> Period
Subject selection	Basic Courses	Years	1-2
Instructor	Akihiko Yanase (Graduate School of Economics)		
Office hour	By appointment		
<b>Course Aims :</b> This course offers materials in international trade theory under imperfect competition. The goal is to enhance students' research ability by complete understanding of basic models of international trade and their applications			
<b>Course Objectives :</b> Students will be able to understand the basic models of international trade under imperfect competition; they can understand the basic structure of each model and mechanism at work. Students will also be able to read research articles that are applications of the basic models, and to construct and analyze models on their own.			

#### Class content

1	Introduction and preliminaries
2	Preliminaries: Monopolistic competition
3	Preliminaries: Oligopoly
4	Review of trade models under perfect competition
5	Monopolistic competition and international trade: Basic model
6	Monopolistic competition and international trade: Firm heterogeneity
7	International Oligopoly: Third market model
8	International Oligopoly: Reciprocal market model
9	General oligopolistic equilibrium: Preliminaries
10	Trade in general oligopolistic equilibrium
11	Trade policy under imperfect competition
12	Foreign direct investment
13	Applications of basic models
14	Other topics (trade and the environment, trade and growth, economic geography, etc.)
15	Summary and Evaluation
<b>Grading Methods and Criteria:</b> Participation in class, submission of homework assignments (30%), and final exam (70%). Evaluation is based on total score, and students are required to get 60% or higher to pass. Both for homework and exam, students should correctly prove propositions or derive equations in the model by using knowledge and tools discussed in the class.	
<b>Instructions for Out-of-Class Study:</b> Students should spend their time on review after the class (going through the material and references, doing computation of models on your own, etc.).	

**Textbooks and Reference books:**

To be announced in the class.

**Prerequisites/Related Courses /Notice to students:**

Students should be familiar with basics in undergraduate-level microeconomics and noncooperative game theory.

Subject	Theme Studies (Introductory Accounting I) (E)	Semester, Date and Period of the class	Fall Semester Friday, 3 <sup>rd</sup> Period
Subject selection	Specialized Courses	Years	1-2
Instructor	Mehriban AHMADOVA (Graduate School of Economics)		
Office hour	<a href="mailto:m.ahmadova@soec.nagoya-u.ac.jp">m.ahmadova@soec.nagoya-u.ac.jp</a> (Online meetings with appointment)		
<b>Course Aims :</b> This course aims to introduce basic accounting concepts to students.			
<b>Course Objectives :</b> At the end of this course students will be able to (1) analyze and record financial transactions, (2) read and understand financial statements, and (3) analyze financial statements			

#### Class content

1	Introduction to accounting and financial statements
2	The accounting information system
3	The accounting cycle
4	Trial balance
5	Income statement
6	Statement of Financial Position (Balance Sheet)
7	Fraud, internal controls and cash
8	<b>Midterm Summary and Evaluation</b>
9	Inventory
10	Long-term assets
11	Current liabilities
12	Long-term liabilities
13	Corporation and partnership accounting
14	Statement of cash flows
15	<b>Summary and evaluation</b>
<b>Grading Methods and Criteria:</b> Students will be evaluated according to class participation and quizzes (20%), midterm evaluation (40%), and a final examination (40%). A minimum grade of C in every category is necessary to receive a passing grade.	
<b>Instructions for Out-of-Class Study:</b> Students are required to view video lessons and read textbook chapters <u>before</u> each online class. Quizzes will be scheduled to be done <u>after</u> each class. Online classes will be used as a platform for discussion and Q&A.	
<b>Textbooks and Reference books:</b> <ol style="list-style-type: none"> <li>For basic studies refer to Openstax opensource digital textbook “Principles of Accounting, Volume 1” ISBN-13: 978-1-947172-67-8 (available online)</li> <li>For more advanced studies refer to “Intermediate Accounting IFRS” Kieso, Weygrandt, Warfield (3<sup>rd</sup> edition) ISBN: 978-1-119-37293-6 (available at the library both digital and hard copies)</li> </ol>	
<b>Prerequisites/Related Courses /Notice to students:</b> There are no prerequisites.	

Subject	Theme Studies (International Communication) (E)	Semester, Date and Period of the class	Fall Semester Thursday, 5 <sup>th</sup> Period
Subject selection	Specialized Courses	Years	1-2
Instructor	Natsumi SHIGA (Graduate School of Economics)		
Office hour	Monday -Friday (Making an appointment beforehand)		
<b>Course Aims :</b> Students will study and practice international communication in context by participating in workshops, a company case study, and groupwork over the course of the semester. By working together to analyze the material provided, students will enhance their writing and presentation skills in addition to intercultural competencies.			
<b>Course Objectives :</b> This course uses global business as a framework for students to experience international communication firsthand. While a background in economics is not required to excel in this course, curiosity is beneficial, as international business is the lens through which we will explore, observe, and refine our communication skills. Group discussion/groupwork, drafting, peer editing, and effective use of secondary sources will be central parts of the course. Students will complete a short writing assignment, a market research proposal, and two large presentations throughout the semester. <b>This course will be mainly conducted online.</b>			

#### Class content

1	Course introduction, explanation of syllabus
2	Workshop: Cultivating Creative Collaboration (pt. 1)
3	Workshop: Cultivating Creative Collaboration (pt. 2)
4	Company introduction and project outline (Shinmei Industry, Co., Ltd.)
5	Virtual company tour
6	Groupwork/Idea exchange
7	Preliminary findings presentation • Feedback
8	Groupwork
9	Lecture: SDGs in Action
10	Final proposal (Market research presentation • submit report)
11	Workshop: Experience Design Thinking
12	Groupwork
13	Groupwork
14	Sustainable Startup Project Presentations
15	Reflection and Group Discussion
<b>Grading Methods and Criteria:</b> Attendance, active participation in discussion and presentation in class (group work), final report	
<b>Instructions for Out-of-Class Study:</b> Students are required to read materials provided before-class, required to collect information needed for discussions and required to write short reports and final report out-of-class.	
<b>Textbooks and Reference books:</b> All reading materials will be provided by the instructor in advance.	
<b>Prerequisites/Related Courses/Notice to students:</b> Students who are willing to apply for Singapore Outbound Program, it is required to take this course. Attendance to class is expected. If you have an adequate reason for being absent, inform <b>in advance</b> . If you have an emergency that prevents you from participating, let us know when you can.	

Subject	Seminar on Economics and Business Administration I, III (E)	Semester, Date and Period of the class	Fall Semester Monday, 2 <sup>nd</sup> Period
Subject selection	Seminar	Years	1-2
Instructor	Maria MARTIN-RODRIGUEZ (Graduate School of Economics) Wan Ling LEE (Graduate School of Economics)		
Office hour	Available upon request.		
<b>Course Aims :</b> The course aims that students will share aspects of their research as it develops with their advisors and other interested students, in order to collect feedback from the discussions and continue improving steadily.			
<b>Course Objectives :</b> At the end of the course, all students will be able to: 1. Demonstrate an understanding of the research methods necessary for economics or business academic papers. 2. Present academic papers 3. Engage in academic discussion. 4. Produce a complete academic draft.			

#### Class content

1	Introduction: Finding a research topic
2	Presentations by M2 students
3	Presentations by M2 students
4	Research question and motivation; literature review and anchor paper
5	Examples from published papers
6	Methodologies (theory and empirics)
7	Presentations by M2 students
8	Presentations by M1 students + draft submission by M2 students
9	Data
10	Understanding the equilibrium results
11	How to make a research presentation
12	Presentations by M1 students
13	Presentations by M2 students
14	Draft submission by M1 and M2 students
15	Closing session
<b>Grading Methods and Criteria:</b> Presentations (40%), drafts (40%), and questions regarding others' presentations (20%).	
<b>Instructions for Out-of-Class Study:</b> The students must understand the technical details of the papers relevant to their research before presenting.	
<b>Textbooks and Reference books:</b> Academic papers and textbooks will be recommended based on the specific research topic of the student.	
<b>Prerequisites/Related Courses /Notice to students:</b> Coordination between this seminar and the specialized seminars in which students will enroll is absolutely crucial.	