Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO1000EA
講義名[日本語(英語)] / Class Name：Microeconomics I
担当者（フルネーム）/ Course instructor (Full Name)： XING Yuqing/XING Yuqing
学期・曜日・時限 / Term・Day・Period：秋前期 Fall (Session I) /金 Fri/2 金 Fri/3
単位数/ Credits：2

1. Course Description and the Learning Objectives：

[Course Description]

This is an introduction of microeconomics. It covers basic economic assumptions and concepts used to define behaviors of consumers and firms in markets. The course consists of three parts: consumer theory, firm theory and the equilibrium in a competitive market. In the consumer theory, preference, utility, budget constraints, utility maximization and demand curves will be introduced. In the firm theory, production and cost functions, profit maximization, and supply curves will be discussed. It will also discuss basic concepts of general equilibrium, monopoly and intertemporal allocation of consumption.

[Related Diploma Policy (DP)]

Macroeconomic Policy Program (MEP1) (MEP2) - 1

[Course Goals]

Students can learn basic economic theories on consumers and firms and the skills to analzye the behaviors of rational consumers and firms in competitive markets. In addition, students will be able to learn how to evaluate policy impacts on the welfare of an economy.

2. Course Outline：

Week 1 (two periods): Utility and Choice (chapter 2)
Week 2 (two periods): Demand Curves and Elasticity (chapter 3)
Week 3 (two periods): Production (chapter 6)
Week 4 (two periods) Costs (chapter 7)
Week 5 (two periods) Perfect competition (chapter 9)
Week 6 (two periods) Pricing in Input Market (chapter 13)
Week 7 (two periods) General Equlibrium and welfare (chapter 10)
Week 8 (one period) Capital and Time (chapter 14)

[Out-of-class Learning]

Students should read the relevant chapters of the textbook before the class to grasp the outline. After class, students should review the contents of the lecture and prepare for the next class. Besides the textbook, The Economist and Nikkei Asia are highly recommended reading materails for understanding the real economy and the impacts of economic policies on the world economy as well as individual countries.

3. Grading：

   Course Requirement: Homework (40%) and final exam (60%). No other alternatives will be given for grading. Overdue homework will not be accepted. Group discussions are encouraged for doing home work. But, each individual student should write his/her answers independently.

   [Evaluation Criteria]
   Student's achievement of the Course Goals is:
   Outstanding: A
   Superior: B
   Satisfactory: C
   Minimum acceptable: D
   Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)

   Walter Nicholson, Intermediate Microeconomics-and Its Application, 12th edition. This book will be used in Micro II. All students should purchase the required textbook

5. Software Used in Lectures（If not applicable, it can be left blank.）:

   None

6. Auditing ; Allow or Not Allow

   否 Not Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO1000EB
講義名[日本語(英語)] / Class Name： Microeconomics I
担当者（フルネーム）/ Course instructor (Full Name)：WIE Dainn
学期・曜日・時限 / Term・Day・Period：Fall (Session I) 秋前／Tue 火／3 4
単位数/ Credits：2

1. Course Description and the Learning Objectives：

Course Outline

The purpose of the course is to equip students in Master's program with basic theory and analytical tools in microeconomics. Students will acquire basic learning in economic theory and its implications in the public policies, so they can move on to take more advanced courses in economics and policy evaluation and design. Therefore, the course provides essential ground of knowledge that students need to acquire to earn Master's degree in this institute.

Related Diploma Policy [DP]

- Young Leaders Program [DP2]: Ability to acquire extensive knowledge on public policy that is necessary to generate effective solutions to policy problems
- Public Policy MP1& MP2 [DP2]: Ability to analyze micro and macroeconomic policies and make practical policy recommendations for problem solving based on the analysis
  [DP3]: Ability to analyze international development policies that lead to economic development and make practical policy recommendations based on the analysis
- Public Finance: [DP1]: Ability to understand economic theory and implications behind public policies in general, tax and customs policies, in particular.
  [DP2]: The ability to identify problems and evaluate public policies, customs and tax policies in particular, using various qualitative and statistical techniques, so as to make policy implications.

Achievement Goals

- Fundamental Concepts: Students should understand foundational concepts such as supply and demand, elasticity, and optimization of consumers and producers.
- Application of Economic Models: Students are expected to learn how to apply basic demand and supply models to analyze real-world scenarios and make predictions about the welfare changes of consumers and producers.
- Analytical Skills: Students should develop analytical skills to understand and utilize economic models to further predict impacts of public policy.
- Economic Literacy: Students should gain a basic understanding of economic terminology, theories, and principles that are relevant to decision-making in their personal and professional lives.

2. Course Outline：

Course Contents

The main theme of the course is neoclassical models of consumer's utility maximization and firms' optimization. The course also encompasses various applications of each topic to demonstrate how the analytical tools in economics can be used in various contexts of policy designs.

1. Week 1 These classes are supposed to introduce fundamental concepts in economics and equip student with necessary mathematical tools they need throughout the class.
   i. Oct 8(1): Introduction to Microeconomics
   ii. Oct 8 (2): Review of Mathematics
2. Week 2 These classes will introduce consumer's utility maximization behind demand curve.
   i. Oct 15 (1): Preferences and Utility
   ii. Oct 15 (2): Utility Maximization and Choice
3. Week 3 These classes extend consumer's utility maximization, so we can analyze how external factors affect the individual demand curve.
   i. Oct 22 (1): Utility Maximization: Lagrangian Approach
   ii. Oct 22 (2): Comparative Statistics
4. Week 4 These classes further extend consumer utility maximization in the context of uncertainty. Additionally, class provides insight about insurance and diversification as a strategy to combat uncertainty.
   i. Oct 29 (1): Income and Substitution Effects
   ii. Oct 29 (2): Choice under Uncertainty (1)
5. Week 5 These classes are designed to provide basic concepts required to understand producer's profit maximization.
   i. Nov 5 (1): Choice under Uncertainty (2)
   ii. Nov 5 (2): Production Function
6. Week 6 These class provides detailed explanation of producer's behavior behind supply curve.
   i. Nov 12 (1): Cost Function
   ii. Nov 12 (2): Profit Maximization and Supply
7. Week 7 The classes will introduce basic analysis of supply and demand curve under perfect competition.
   a. Nov 19(1): Pure competition
   b. Nov 19(2): Applications in pure competition
8. Week 8:
   a. Nov 26 (1): Review
   b. Nov 26 (2): Final Exam

4. Out of Class Learning for Each Class:

Students are expected to read the assigned chapters in the textbook prior to each class to enhance their understanding of the material covered. Additionally, after class, they are encouraged to review the course materials and complete problem sets regularly to cultivate their analytical skills.

Date	Reading	Pset Posting	Pset Due
Week 1 (1)	CH 1		
Week 1 (2)	Appendix to NC CH 1 (Optional)		
Week 2 (1)	CH 2	PS #1	
Week 2 (2)	CH 2		
Week 3 (1)	CH 3		
Week 3 (2)	CH 3		
Week 4 (1)	CH 4	PS #2	PS #1
Week 4 (2)	CH 4		
Week 5 (1)	CH 6		
Week 5 (2)	CH 6		
Week 6 (1)	CH 7		
Week 6 (2)	CH 8		PS #2
Week 7	CH 9		
Week 8	CH 9		

3. Grading：

There will be two home works (40%) and one Final exam (60%). The overall grade will be determined on a curve and will adhere to GRIPS assessment policy.

- A: Students demonstrate a high level of analytical understanding in written form, particularly regarding consumers' utility maximization and producers' profit maximization in both uncertain and certain contexts.
- B: Students exhibit a solid understanding of fundamental concepts and analytical tools in microeconomics, and are able to effectively communicate this understanding in written form.
- C: Students demonstrate a basic understanding of fundamental concepts in microeconomics.
- D: Students achieved the goal at a minimum acceptable level.
- E: This category encompasses students who do not meet the criteria outlined in the previous descriptions.

4. Textbooks and References (4-1:Required 4-2:Others)

4-1 Required :

Nicholson, Walter and Christopher M. Snyder, “AISE-Theory and Application of Intermediate Microeconomics”, Any international edition

4-2 Recommended for reference

Varian, Hal R. Intermediate Microeconomics: Modern Approach. Any edition

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

   Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO1020E
講義名[日本語(英語)] / Class Name：Essential Microeconomics
担当者（フルネーム）/ Course instructor (Full Name)： 黒澤　昌子/KUROSAWA Masako
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/火 Tue/3　火 Tue/6
単位数/ Credits：4

1. Course Description and the Learning Objectives：

How do markets work? How do markets set prices, determine what will be produced, how they will be produced, and decide who will get the goods? What should governments do in a market economy? This is an introductory microeconomics course, for those with no previous economics background in particular, in which students learn to obtain answers to these questions. We will study a concise, consistent methodology for understanding and predicting the economic behavior of people and firms in a variety of markets. The tools developed in this course will prepare you for upper-level courses, as well as for intelligent discussion of issues under public debate.

[Related Diploma Policy (DP)]

・Young Leaders Program (YLP): (2) Ability to conduct policy analysis and make practical policy recommendations to solve problems with extensive knowledge of public policy.

・Master's Program of Public Policy (MP1, MP2): (3) Ability to analyze international development policies that lead to economic development and make practical policy recommendations based on this analysis.

・Maritime Safety and Security Program (MSP): (1) The knowledge and analytical ability to understand problems and challenges, and to identify opportunities for improvement in the areas of maritime safety and security.

[Course Goals]

Students can:

(1) Understand consumer behavior.
(2) Understand firm behavior.
(3) Analyze different types of market structures, such as a competitive market, monopoly, and oligopoly.
(4) Understand how to apply economics principles to a range of policy questions.

2. Course Outline：

Week (chapters refer to the textbook indicated in 4-2 below)

1 Introduction (first principles, economic models) (chap.1~2)
2 Supply and Demand (chap.3)
3 Supply and Demand (chap.3)
4 Price Controls and Quotas (chap.4)

5 Consumer and Producer Surplus (chap.5)
6 Consumer and Producer Surplus (chap.5)
7 Elasticity (chap.6)
8 Elasticity (chap.6)
9 Taxes (chap.7)
10 Taxes (chap.7)
11 International Trade (chap. 8)
12 International Trade (chap. 8)
13 Making Decisions (chap. 9)
14 The Rational Consumer (chap.10)
15 The Rational Consumer (chap.10)
16 Behind the Supply Curve: Inputs and Costs (chap.11)
17 Behind the Supply Curve: Inputs and Costs (chap.11)
18 Perfect Competition and the Supply Curve (chap.12)
19 Perfect Competition and the Supply Curve (chap. 12)
20 Review of the perfect competitive market. Mid-term exam
21 Monopoly (chap.13)
22 Oligopoly (chap.14)
23 Monopolistic Competition and Product Differentiation (chap.15)
24 Monopolistic Competition and Product Differentiation (chap.15)
25 Externalities (chap.16)
26 Externalities (chap.16)
27 Public Goods and Common Resources (chap.17)
28 Public Goods and Common Resources (chap. 17)
29 Private Information (chap. 20)
30 Review of the market failure.
31 Final exam

[Out-of-class Learning]

Students should review the contents of the lecture after the class by reading the relevant chapters of the textbook and/or watching the video recordings of the class to deepen their understanding of the concepts. Students are also expected to solve and submit 6~7 problem sets. Students can also ask questions at weekly office hours offered by a TA.

3. Grading：

At the end of the term, the results of six to seven problem sets submitted will count for 30% of the final course grade.

The results of the final and mid-term written examinations will count for 70% of the final course grade.

[Evaluation Criteria]
A: Outstanding
B: Superior
C: Satisfactory
D: Minimum acceptable
E: Below the acceptable

4. Textbooks and References (4-1:Required 4-2:Others)

4-1 Required:
N/A

4-2 Others :
The book below is not necessarily "required", but the lectures will very closely follow this book (chapters indicated in the class schedule above refer to this book).
Paul Krugman and Robin Wells "Microeconomics (3rd Edition, but any other edition would do)," Worth Publishers, 2012.

Other books worth referring to.
Walter Nicholson and Christopher Snyder Intermediate Microeconomics: And Its Application (8th edition) South-Western Publisher, 2010.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

None.

6. Auditing ; Allow or Not Allow

可 Allow

7. Note：

This course is an introductory course for those with no economics background. Those with some introductory microeconomics background should take Microeconomics 1 instead.

開講年度（2024.4 月-2025.3 月）/ Academic Year: (April 2024 - March 2025)
科目番号 / Course Number： ECO1050J
講義名[日本語(英語)] / Class Name： マクロ経済学
担当者（フルネーム）/ Course instructor (Full Name)： 横山　直/YOKOYAMA Tadashi
学期・曜日・時限 / Term・Day・Period：秋前期 Fall (Session I)/金 Fri/2　金 Fri/3
単位数/ Credits：2

１．本授業の概要及び到達目標：

本講義はマクロ経済学の基礎コースです。

本講義の担当者は日本政府や国際機関において長年にわたり経済政策の立案・総合調整や経済分析を担当してきました。

本講義の目的は、マクロ経済を理解するための基本的な考え方を学ぶとともに、現実の経済や政策について考える力を取得することです。

講義を通じて、理論、データ分析、国際比較などを通じて、受講者がマクロ経済動向や政策について理解し、自らの考え方を提示できるようになることを目指します。

なお、講義では図表を多用し、基本的な考え方をわかりやすく説明することに主眼を置きます。

【関連する SDGs】
8（成長・雇用）、9（イノベーション）、11（都市）、17（実施手段）

【関連するディプロマポリシー(DP)】
地域政策コース
② 公共政策に係る幅広い知識を持ち、的確な分析、総合的な判断、効果的な実践を行うことができる能力

インフラ政策コース
② インフラをとりまく種々の他分野について広範な知識を習得し強い俯瞰力を身につけること

防災・危機管理コース
④課題の解決に向けて、データの収集・分析等により、研究論文や政策提言としてまとめ、発表することができる能力
⑤公共政策に係る多角的な知識や各行政分野の現状・課題に深い理解を持ち、視野の広いリーダーとして活躍することができる能力

医療政策コース
②医療政策にかかる幅広い知識を持ち、多角的な視野から学術的な分析に基づいた課題解決に向けた政策分析ができる能力

農業政策コース
②農林水産政策にかかる幅広い知識を持ち、多角的な視野から学術的な分析に基づいた課題解決に向けた政策分析ができる能力

科学技術イノベーション政策コース
② 公共政策に係る知識を持ち、それらの文脈の中で科学技術イノベーション政策をとらえ、分析ができる能力

国際協力コース
② 公共政策に係る幅広い知識に基づき、多角的な視野から問題解決を図ることのできる能力

まちづくり政策コース
② 公共政策に係る幅広い知識を持ち、学術的な知見に基づいて多角的に政策分析ができる能力

総合政策コース
② 公共政策に係る幅広い知識を持ち、的確な分析、総合的な判断、効果的な実践を行うことができる能力

２．各授業のテーマ：

１．イントロダクション：マクロ経済学を学ぶことの意義
２．日本経済史（高度経済成長、バブル経済、アベノミクス他）
３．経済指標の見方：GDP 統計など
４．経済指標の見方：物価、雇用統計など
５．政府の機能と政策立案プロセス
６．財政政策
７．貨幣と物価
８．金融政策
９．経済成長(1)
10. 経済成長(2)
11. 人口動態と地域経済
12. 対外関係と IS バランス
13. 経済データの入手方法
14. 学生によるプレゼン
15. 授業の振り返りとミニテスト

【授業外学習】
事前に配布するパワポ資料に大まかに目を通す。授業終了後は授業中に紹介した文献等を学習する。プレゼンについてパワーポイント・スライドなどを作成する。

３．成績の評価方法：

授業への参加態度（20%）、プレゼン（40%）、ミニテスト（40%）を総合的に勘案。

【成績評価基準】

A: 到達目標について高い水準で達成している

B: 到達目標について満足できる水準で達成している

C: 到達目標について概ね達成している

D: 到達目標について最低限の水準は達成している

E: 到達目標について達成できていない

3 回以上欠席した場合は E 評価とする。

４．テキスト、参考文献等：(4-1:必携のテキスト　4-2:その他)

4-2 N・グレゴリー・マンキュー(2017)『マンキュー マクロ経済学 I 入門篇(第 4 版)』東洋経済新報社

4-2 Macroeconomics 11th ed., (2022), N. Gregory Mankiw

4-2 OECD Economic Survey of Japan 2024, OECD

（その他参考文献等は随時紹介）

５．講義で使用するソフトウェア（特にない場合は空欄でも可）：

６．聴講の可否

可 Allow

７．履修上の注意：

経済学の基礎的知識が無くても構いません。

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO1060EA
講義名[日本語(英語)] / Class Name：Macroeconomics I
担当者（フルネーム）/ Course instructor (Full Name)： HSU Minchung/HSU Minchung
学期・曜日・時限 / Term・Day・Period：秋前期 Fall (Session I)英学期名» /木 Thu/1 木 Thu/2
単位数/ Credits：2

1. Course Description and the Learning Objectives：

This is a first course in the macroeconomics sequence. The course will cover broad topics relating to major macroeconomic variables, e.g. money supply, inflation, unemployment, economic growth. We will use simple macroeconomic models to illustrate the underlying mechanism behind the changes in these variables over time and their differences across countries.

[Course Goals]

Students can:

(1) understand outlines, uses and applications of the fundamental macroeconomic concepts and theories for economic analysis,

(2) apply the theories to evaluate related policies and macroeconomic issues

[Related Diploma Policy (DP)]

Young Leaders Program

2. Ability to conduct policy analysis and make policy recommendations to solve practical problems with extensive

knowledge on public policy

One-year/ Two-year Master's Program of Public Policy (MP1) (MP2)

1.Ability to analyze micro and macroeconomic policies and make practical policy recommendations for problem solving based on the analysis

Public Finance Program (PF)

1. The ability to understand economic theory and implications behind public policies in general, tax and customs policies, in particular.

2. The ability to identify problems and evaluate public policies, customs and tax policies in particular, using various

qualitative and statistical techniques, so as to make policy implications.

2. Course Outline：

1-2. Introduction and Macroeconomic Data

3-4. National Income
5-6. Monetary System
7-8. Interim evaluation + Monetary System
9-10. Inflation/Unemployment
11-12. Economic Growth
13-14. Economic Growth / Review
15. Wrap-up session
16. Final evaluation

[Out-of-class Learning]
Students should read the class materials distributed via the class website and/or the relevant chapters of the textbook before the class to have some understanding of the outline and prepare questions to ask in class. After class, students should review the contents of the lecture and work on the assignments so that they can be familiar with the theories. Students are encouraged to apply the theories to their home country's (policy) scenarios, on top of the ones explained in class.

3. Grading：
Problem set (40%); Quiz (20%); Final (40%)

[Evaluation Criteria]
Student's achievement of the Course Goals is:
Outstanding: A
Superior: B
Satisfactory: C
Minimum acceptable: D
Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)
Macroeconomics by Mankiw (10th Edition)

5. Software Used in Lectures（If not applicable, it can be left blank.）:
N/A

6. Auditing ; Allow or Not Allow
可 Allow

7. Note：
TA: Benz (PA PhD student)
Office Hour: TBA

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO1060EB
講義名[日本語(英語)] / Class Name：Macroeconomics I
担当者（フルネーム）/ Course instructor (Full Name)： PORAPAKKARM Ponpoje/PORAPAKKARM Ponpoje
学期・曜日・時限 / Term・Day・Period：秋前期 Fall (Session I)/火 Tue/3 火 Tue/4
単位数/ Credits：2

1. Course Description and the Learning Objectives：

[Course Description]

This is a first course in the macroeconomics sequence. The course will cover broad topics relating to major macroeconomic variables; eg. money supply, inflation, unemployment, economic growth. Given that these variables can be changed over time and different across countries, we will use simple macroeconomic models to illustrate the underlying mechanism behind the change and difference. The focus of this course is on the long-run equilibrium. Graphs, basic algebra, and multi-variate calculus will be frequently used to analyze the models.

[Course Goals]

1) Students are expected to understand basic framework determined important macroeconomic outcomes.

2) In addition, students must be able to provide economic intuitions behind the prediction of each macroeconomic model discussed in the course.

[Related Diploma Policy]

Macroeconomic Policy Program (MEP1):

1. Having the expertise in basic economics necessary for the analysis, formulation and implementation of macroeconomic policies, the ability to apply it to macroeconomic policy design and evaluation practices

Macroeconomic Policy Program (MEP2):

1. Having the deep expertise in basic economics necessary for the analysis, formulation and implementation of macroeconomic policies, the ability to apply it to macroeconomic policy design and evaluation practices

2. Course Outline：

Week 1. Introduction and Macroeconomic Data and National Income (Chapter 1- 2)
Week 2. Economy in the long run (Ch.3)
Week 3. Monetary System (Ch.4) + Inflation (Chapter.5)
Week 4. Unemployment (Chapter 7)
Week 5. Economic Growth (Chapter 8 and 9)
Week 6. Economic Growth (Chapter 8 and 9)
Week 7. Theory of Investment (Chapter 17)

Week 8. Reviews

Final exam: TBA

[Out-of-class Learning]

There will be outside class assignments. Each problem set must be handed in at the beginning of class (the due date will be in the problem set sheet). A missing problem set or a late submission will be assigned zero credit. Students are encouraged to have a group discussion but everyone has to hand in your own answers to get credit. The problem set with the lowest score will be dropped off when calculating the courses total score.

3. Grading：

Problem set (20%)

Final exam (80%)

The final exam must be taken on the assigned schedule. A makeup final exam is allowed only in an extreme case, eg. serious accidence or hospitalization.

[Evaluation Criteria]

Student's achievements of the Course Goal is:

Outstanding: A

Superior: B

Satisfactory: C

Minimum acceptable: D

Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)

Mankiw, N. Gregory. Macroeconomics (10th ed.). New York: Worth, 2018. *10th ed. is the latest edition for 2019. Students are required to have the textbook. The previous edition is acceptable but students need to match chapters and problem sets with the 10th Edition. A copy of the 10th Edition is on reserved in our library.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

否 Not Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO1600E
講義名[日本語(英語)] / Class Name： Monetary Economics (Money and Banking)
担当者（フルネーム）/ Course instructor (Full Name)：FUJIMOTO Junichi／藤本　淳一
学期・曜日・時限 / Term・Day・Period： Fall 秋／Tue 火／2
単位数/ Credits：2

1. Course Description and the Learning Objectives：

[Outline of this lecture]

In this course, students will explore both theoretical and institutional issues on banks and other financial markets, financial institutions, and monetary policy. In the first half of the course, students will study various topics on financial markets and financial institutions, such as direct and indirect finance, money, interest rates, and the roles played by banks and other financial institutions. In the latter half of the course, students will learn issues related to central banking and monetary policy.

Relevant DP:
One-year/Two-year Master’s Program of Public Policy (MP1)(MP2)(2)
Macroeconomic Policy Program (2)(3)
Public Finance Program (1)(2)
Economics, Planning and Public Policy Program (2) (3)

[Course Goals]

Students can demonstrate their understanding of:

1. key functions of financial institutions and financial markets
2. concept of asymmetric information and how it relates to the financial structure
3. conduct of central banking and monetary policy and monetary theory

2. Course Outline：

[Themes of each class]

Session 1: Introduction. Chapters 1-3.
Session 2: Financial markets 1, Chapter 4
Session 3: Financial markets 2, Chapter 5
Session 4: Financial markets 3, Chapters 6-7
Session 5: Financial institutions 1, Chapter 8
Session 6: Financial institutions 2, Chapter 9
Session 7: Financial institutions 3, Chapter 9 (continued)
Session 8: Review lecture and midterm exam. We will review the key concepts related to financial markets and financial institutions. During the remaining time, we will conduct the midterm exam.
Session 9: Central banking and the conduct of monetary policy 1, Chapter 15
Session 10: Central banking and the conduct of monetary policy 2, Chapter 16

Session 11: Central banking and the conduct of monetary policy 2, Chapter 17

Session 12: Monetary theory 1, Chapters 22-23

Section 13: Monetary theory 2, Chapter 24

Session 14: Monetary theory 3, Chapter 25

Session 15: Wrap-up lecture and final exam. We will review the key concepts related to central banking and monetary theory. During the remaining time, we will have the final exam.

[Out-of-class learning]

Before each class, students must read the lecture notes and textbook chapters as instructed by the instructor. Students must also review materials after each class. In addition, students must work on several practice questions, which will not be graded but will be discussed during class. Before the exams, students must also self-study past exams.

3. Grading：

Course grades will be determined by a midterm exam (50%) and a final exam (50%).

[Evaluation criteria]

Student’s achievement of the Course Goals is:

- Outstanding: A
- Superior: B
- Satisfactory: C
- Minimum acceptable: D
- Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)

4-1: Frederic S. Mishkin. The Economics of Money, Banking, and Financial Markets. 13th Global Edition. Pearson Addison-Wesley.

Please buy the global edition - its content is a bit different from the US edition. Kindle edition is fine too.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO1800E
講義名[日本語(英語)] / Class Name：Economic Development of Southeast Asia
担当者（フルネーム）/ Course instructor (Full Name)： 工藤　年博/KUDO Toshihiro
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/金 Fri/4
単位数/ Credits：2

1. Course Description and the Learning Objectives：

First, this course provides an overview of the economic and industrial development of Southeast Asia in the broader Asian context. Second, the course analyzes the development factors and mechanisms of Asia and Southeast Asia in the context of globalization. Third, the course provides an overview of regional integration and cooperation programs, including the ASEAN Economic Community (AEC) and the Greater Mekong Subregion (GMS) Economic Cooperation. Fourth, the course discusses free trade networks and Japans economic cooperation in the Indo-Pacific. Fifth, we will have some country-based studies, including Indonesia as an example of a middle-income country and Myanmar as a low-income country. We pay attention to the issue of middle-income trap and the advantages and disadvantages of latecomers.

In this course, students aim:
a. to understand an overview and history of the economic development of Southeast Asia,
b. to understand the development of Southeast Asian economies in the context of globalization,
c. to understand the challenges facing Southeast Asian economies such as the middle-income trap and declining birthrates,
d. to assess the effectiveness of regional integration initiatives such as the ASEAN Economic Community (AEC) and the Greater Mekong Subregion (GMS) Economic Cooperation in promoting economic growth and development.

This course is related to Goals 8, 9, 10, and 17 of the SDGs.

[Related Diploma Policy (DP)]
Macroeconomic Policy Program (One-year program) ③
Macroeconomic Policy Program (Two-year program) ③
Economics, Planning and Public Policy Program ①, ②, ③, ④

2. Course Outline：

1. Why do we study economic development of Southeast Asia?
2-3. Asia and ASEAN in Globalization
4-5. ASEAN Economic Community (AEC)
6-7. FTA Networks in Asia and ASEAN

8. Trade in Services
9-10. Country Study (1) Indonesia
11-12. Country Study (2) Myanmar
13. Financial Development in Southeast Asia
14. Japan's Regional Cooperation
15. Discussion

Out-of-class learning
Students should read the materials distributed through the teams and/or the relevant chapters of the textbook prior to class in order to understand the outline and questions to be asked in class. After class, students should review the content of the lecture and consider how the issues learned apply to their country and what the policy implications are.

3. Grading：
Grading is based on your contribution to class discussion and a term paper.
Students are required to write a term paper at the end of the course.
The topic of the paper will be chosen in discussion between the students and the instructor.

[Evaluation Criteria]
Student's achievement of the Course Goals is:
Outstanding: A
Superior: B
Satisfactory: C
Minimum acceptable: D
Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)
Kenta Goto, Tamaki Endo, and Asei Ito (eds.) The Asian economy: contemporary issues and challenges, Routledge, 2021.
Kenneth Pomeranz, The great divergence: China, Europe, and the making of the modern world economy, Princeton University Press, 2000.
Richard Baldwin, The great convergence: information technology and the new globalization, Harvard University Press, 2016.
Richard Baldwin, The globotics upheaval: globalisation, robotics and the future of work, Oxford University Press, 2020.
ASEAN Economic Community Blueprint, 2015, available at the ASEAN website.
ASEAN Economic Community Blueprint, 2025, available at the ASEAN website.
Mid-Term Review ASEAN Economic Community Blueprint 2025, available at the ASEAN website.
Fukunari Kimura, Mari Pangestu, Shandre M. Thangavelu, and Christopher Findlay (eds.), Handbook on East

Asian Economic Integration, Edward Elgar Publishing, 2021.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow
   可 Allow

7. Note：

開講年度（2024.4 月-2025.3 月）/ Academic Year: (April 2024 - March 2025)
科目番号 / Course Number： ECO2020J
講義名[日本語(英語)] / Class Name： 政府と市場
担当者（フルネーム）/ Course instructor (Full Name)： 細江　宣裕/HOSOE Nobuhiro
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/木 Thu/2
単位数/ Credits：2

１．本授業の概要及び到達目標：

1.1　目的-あなたの知っている経済学で何が説明できるか・できないか

本講義の目的は 2 つである。

1 つ目は、学生がミクロ経済学 I(ECO1000J)・同 II(ECO1010J)によって修得した経済学の手法 を用いて、われわれが日々目にする大小の社会・経済的問題を経済学的視点から分析し、その解決策を提示するできるように訓練を行う、一種の経済政策の科目としてである。

ミクロ経済学 I・II では、まず分析手法が解説され、つぎにそれを用いた分析例や応用例 が提示されてきた。ここでは、それぞれの社会・経済現象に対して、どのような手法を適 用して考察するべきか、あるいは、そのほかの分析方法はないのかといった視点で検討する訓練を行い、経済学的考え方に関する理解と応用力を高め、一方で、その限界に関する 理解を深める。前者はいわば数学の計算問題にあたり、ここで行われるものは文章題にあ たると考えればよい。

2 つ目は、学生が自分の考えを、よりよく相手に伝える方法(プレゼンテーション等)を学び実践できるようにすることにある。書籍や論文を読んで自分が理解することと、その内容を他人に理解させることは、まったく異なる事柄である。ここでは、上で書いたように、経済学の本の中の短い 1 章、あるいは、執筆途中の自らの論文を題材にし、その内容を聴衆に伝える方法、聴衆がそれを聴いて(広い意味で知的に)楽しむことができるようにすることができる方法を学ぶ。

1 .2　講義形式と履修要件

報告担当者・グループが下記の文献、または、自らが執筆中の論文(ポリシー・ペーパー 等)を参考にして、その内容を全員に理解できるように解説するゼミ形式で行う。

解説の内容としては、概要、重要または各自が興味を持った箇所の解説、ほかの出席者 が一読しただけではわからないであろう箇所の説明、(ほかの出席者に訊いてみたい、助け を求めたい)報告者自身の疑問・質問、日本の社会・経済、あるいは、各自の興味ある分野 に照らしたときの示唆といった事柄を含むことになるであろう。担当箇所のすべてをカバーする必要はないし、実際、メリハリ無く平板にすべてをなぞるだけでは出席者は満足しないであろう。報告者以外も、よい質問を通じた講義への貢献のために該当箇所を一読し ておくべきことは言うまでもない。

なお、ミクロ経済学 I・II、ないし、同様の科目で講じられる経済学の知識があることが 望ましいが、それらの単位取得がなされていなくても受講することは可能である。ミクロ経済学(等の経済学の講義)を履修して、それがどのように役に立つのかについて関心があるとより有益な講義になるであろう。また、経済問題以外に対しても経済学的アプローチを使って分析する方法を知る機会にもなり得る。

この講義は、SDGs の目標 8(経済成長), 9(産業と技術),11(都市と住宅)等に関連する。

【関連するディプロマポリシー(DP)】
公共政策プログラム
防災・危機管理 C: (5) 公共政策に係る多角的な知識や各行政分野の現状・課題に深い理解を持ち、視野の広いリーダーとして活躍することができる能力
医療政策 C: (2) 医療政策にかかる幅広い知識を持ち、多角的な視野から学術的な分析に基づいた課題解決に向けた政策分析ができる能力
(5) 地域の実情に合わせ、異なる価値観に対して深い理解をもち、地域のコーディネーターとして活躍することができる能力
農業政策 C: (2) 農林水産政策にかかる幅広い知識を持ち、多角的な視野から学術的な分析に基づいた課題解決に向けた政策分析ができる能力
科学技術イノベーション C: (2) 公共政策に係る知識を持ち、それらの文脈の中で科学技術イノベーション政策をとらえ、分析ができる能力
国際協力 C: (2) 公共政策に係る幅広い知識に基づき、多角的な視野から問題解決を図ることのできる能力
まちづくり政策 C: (2) 公共政策に係る幅広い知識を持ち、学術的な知見に基づいて多角的に政策分析ができる能力
(3) まちづくりに係る政策課題について、データや現地調査結果等の様々なエビデンスを用いた分析・評価を行い、その結果に基いた政策立案（EBPM）ができる能力
総合政策 C: (2) 公共政策に係る幅広い知識を持ち、的確な分析、総合的な判断、効果的な実践を行うことができる能力
地域政策 C: (2) 公共政策に係る幅広い知識を持ち、的確な分析、総合的な判断、効果的な実践を行うことができる能力
インフラ政策　C: (2)インフラをとりまく種々の他分野について広範な知識を習得し強い俯瞰力を身につけること

【到達目標】
学生が到達すべき目標は以下の通り。
(1)社会・経済問題をミクロ経済学等の経済学的な考え方を利用して分析することができるようになる。
(2)経済学や関連分野に関する学術的な分析内容(手法や結果)について、専門的知識や背景事情に関する知識を一定程度を持つ人がよりよく理解できるように伝える技術を習得する。
(3)経済学や関連分野に関する学術的な分析内容(手法や結果)について、専門的知識を必ずしも持たない人が一定程度理解できるように伝える技術を習得する。

２．各授業のテーマ：

本講義で解説されるモデルの内容と毎週のスケジュールは以下の通りである。

2.1 講義解説: 『20 歳の時に知っておきたかったこと』
講義の解説を行い次回以降の報告担当者を決める。報告担当箇所は、可能な限り各自が(先 着順等で)志願した箇所になるようにする予定。最後に質疑と、頭の準備体操をする。
2.2 初級編: 『経済学で現代社会を読む』
社会・経済問題に関してどのように経済学的な切り口を与えることができるかを、最も 標準的な形で学ぶ。本書後半に各章の解説編がついているので(ただし、最新の改訂新版に はこれがないので本講義には不適)これを参考に議論をすることができる。
2.3 中級編: 『ヤバい経済学: 悪ガキ教授が世の裏側を探検する』
ここで示される経済学的分析手法としては、ミラーほか(1995)中の経済モデルのように うまく「型にはめた」ものは少ないが、経済学的な考え方(直感)をどのように適用するべきか、それによってどのように「通念」に挑戦するかを学ぶことができるであろう。くわえ て、(数学的要素の少ない)簡便な方法で問題に答える方法についても示唆を与える。
2.4 上級編: 『フリーからお金を生み出す新戦略』
一種の IT ビジネス書である一方、経済学的な考え方の有効性とそれに関する各自の理解 度を試すよい機会を提供している。Web・デジタル化を通じた「無料」サービスが本当に 無料なのか、なぜ可能になるのか、(これまでに学んだ)経済学でこれを説明できるか等、考 える課題に事欠かない。

第 1 回において講義内容の説明を行なう。
その後、参加者がどの文献・章を担当するかを決める。
各回において担当箇所の報告(要領は上記)を行い、それに関する質疑・討議を行う。
必要に応じて追加的に参照すべき文献や事例等の指示を行う。それに対する報告を次回(以降)に行って報告を完了させる。

【授業外学修】
あらかじめ、提示された文献について大まかに目を通して、各自が担当したいものについて検討しておく。報告スケジュールが決まったら、各回で用いられる文献・章を精読する。報告者は効果的なプレゼンテーションを目指してパワーポイント・スライドなどを作成する。報告担当者以外は文献とスライドを参考に、よい質問をするために質疑すべき点を洗い出す。報告会終了後は、そこで出された課題(追加的参照文献や、調査事項)について同様の活動を行う。また、教材で触れられた事例と類似する事例について、自分の身の回りにある事例について調べ、教材で紹介されたような経済学的分析手法の妥当性について吟味してみる。

3．成績の評価方法：
講義における貢献(報告内容やディスカッションなど)で評価する。各自の報告内容を中心に、ほかの報告者による報告内容を補足したり不明点をあぶり出したりする質問等によって、出席者全員の理解と学問的満足度を高める貢献を高く評価する。

【成績評価基準】

A: 到達目標を高い水準で達成している

B: 到達目標を満足できる水準で達成している

C: 到達目標を概ね達成している

D: 到達目標を最低限の水準で達成している

E: 到達目標を達成していない

４．テキスト、参考文献等：(4-1:必携のテキスト　4-2:その他)

４-１ 必携のテキスト等

・本講義を履修することを検討している場合には、夏学期の間に以下の 3 つの教科書にあ らかじめ目を通しておくとよいであろう。これらの教科書中の 1 章ないし数章-履修者数 に依る-ずつを出席者が報告する。(最終的にこれらのすべての章をカバーしようという意図はない。)

ミラー, R. L. ほか(1995)『経済学で現代社会を読む』, 日本経済新聞社. (改訂新版 2010) ではない方)

レヴィット, S. D., ダブナー, S. J.(2007)『ヤバい経済学: 悪ガキ教授が世の裏側を探検する』, 増補改訂版, 東洋経済新報社.

アンダーソン, C. (2009)『フリーからお金を生み出す新戦略』, 日本放送出版協会.

Miller, R. L. et al. (2013) The Economics of Public Issues, Pearson.

Levitt, S. D., Dubner, S. J. (2009) Freakonomics, Harper.

Anderson, C. (2009) Free: The Future of a Radical Price, Hyperion.

４ -２ その他

・本講義には直接役立つわけではないが、第 1 章だけでも GRIPS にいる間に読んでおく(頭の準備体操)

シーリグ, T. (2010)『20 歳の時に知っておきたかったこと』, 阪急コミュニケーションズ. Seelig, T. (2009) What I Wish I Knew When I Was 20, Harparone.

・ミクロ経済学 I(ECO100J)・同 II(ECO101J)の教科書 八田達夫(2008)『ミクロ経済学 I』, 東洋経済新報社. 八田達夫(2009)『ミクロ経済学 II』, 東洋経済新報社.

５．講義で使用するソフトウェア（特にない場合は空欄でも可）:

６．聴講の可否

可 Allow

７．履修上の注意：

教科書の内容を理解することも意義があるが、それ以上に、自分が見聞き・知悉している内容をうまく伝える技術を体得するための訓練の場所でもある。受講者の希望、時間的余裕次第では、教科書の内容に限らず、追加的に、各自の執筆中の論文の内容に関連した事柄を報告する、中間報告、最終報告

の練習をすること、また、オーディエンスとしても、ほかの学生によるプレゼンテーションからどのような方法が効果的かを学びつつ、報告者の口頭報告を改善するためによいコメントをする方法を学ぶことも有益である。単位修得を目的としない聴講も可能であるが、受講生と同様の貢献を必要とする。

開講年度（2024.4 月-2025.3 月）/ Academic Year: (April 2024 - March 2025)
科目番号 / Course Number： ECO2600J
講義名[日本語(英語)] / Class Name： 経済政策の理論と展開
担当者（フルネーム）/ Course instructor (Full Name)： 松谷　明彦/MATSUTANI Akihiko
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/月 Mon/4
単位数/ Credits：2

１．本授業の概要及び到達目標：

　　講義の主眼は、応用経済学の学習と、日本の経済構造及び意思決定構造の分析を通じて、経済政策を企画立案する能力を涵養するところにある。
講義においては、急激な人口減少高齢化、欧米先進国との技術格差の拡大及び新興国・途上国の台頭という環境変化に直面する日本経済および地域経済への政策的対応に重点が置かれる。

【到達目標】
　経済学の学習に当たり不可欠であるべきは、経済学の限界を知ることでなければならない。哲学の欠落という致命的欠陥のために、現在の経済学は、現状追認の価値観の下での資源活用の効率化に終始する。本講義を通じ、望ましい経済政策は、経済学と政治学、社会学、歴史学、心理学等との社会科学的統合からのみ生まれることを知ることになる。

【関連するディプロマーポリシー（DP)】
公共政策プログラム
　地域政策コース DP②
　インフラ政策コース DP①
　防災・危機管理コース DP⑤
　医療政策コース DP②、⑤
　農業政策コース DP②
　科学技術イノベーション政策コース DP②
　国際協力コース DP②
　まちづくり政策コース DP②
　総合政策コース DP②

２．各授業のテーマ：

講義では様々な政策課題を取り上げることになるが、その場合、不可欠の視座であるべきは以下の五点である。

（１） 付加価値の分配と支出

経済政策の主要な目的の一つは最適な資源配分の達成にある。しかし、如何なる資源配分状態をもって最適とするかは、国により社会により異なり、最適性についての一義的な、あるいは万国共通の基準は存在しない。従って経済政策の分析に当たってまずなすべきことは、何を以って最適とするかという価値観と視座の明確化である。

産出された付加価値は企業に於いて各生産要素に分配され、次いで各経済主体によって支出される。従って資源配分の態様は基本的に国民自身の経済行動の結果であるが、経済政策はその分配と支出の過程に関与し、資源配分の態様に一定の影響を与え得る。

付加価値の分配と支出のメカニズムの考察において不可欠であるべきは、生産活動に見合った国民生活水準を達成するために我々は何をなすべきかという視座である。

（２）開放経済の均衡国民所得

経済は自律的均衡メカニズムを持ち、そのメカニズムによって各国民の経済行動を組み上げげつつ、自らの大きさ即ち国民所得を決定する。この場合、多くのパラドックスの存在によって、各国民は自己の経済行動が国民所得にもたらす正確な結果を予め知ることは出来ない。

国民所得は、財・サービス市場、労働市場、金融市場そして対外市場を通じた一般均衡によって、利子率とともに決定される。従って経済政策は、上記のメカニズムに対する認識の下で、それら四市場に均等に対峙しなければならない。

国民所得の決定メカニズムの考察において不可欠であるべきは、自国民の生産活動の成果を自国民自身が最大限享受し得るために我々は何をなすべきかという視座である。

（３）経済成長

資源は常に有限であり、経済はあくまでその制約の下での効用をもたらすに過ぎず、国民の欲求は必ずしも十分に満たされる訳ではない。従って利用可能な資源の増大である経済成長は、経済社会に於ける多くの問題を解決してきた。

しかし人口減少社会の到来によって、我が国経済の成長率は大幅に低下し、更には傾向的なマイナス成長に転ずることが確実に予見される。加えて人口減少という環境変化は経済の自律的メカニズムそのものを変質させることから、経済成長さらには景気循環における均衡経路は、これまでとは異なったものになる可能性が高い。

今後の我が国経済の成長経路の考察において不可欠であるべきは、我々は果たして如何なる経済社会を目指すべであるのか、そしてそのために如何なる手法を用いることがより多くの国民を幸福にし得るのかという視座である。

（４）企業行動と産業政策

資源配分を規定する最大の要因は企業の行動様式である。そして企業の行動様式はその国の経済を取り巻く固有の環境に於いて、その国の歴史的、文化的基盤の上に成立する。企業は、ミクロ経済学における仮定を遥かに超えて、市場に於ける非対称性と政治的意思決定過程に於ける利益集団の形成を梃子に、経済社会に於けるその存在を拡大し続ける。そして、戦後のわが国特有の企業行動が、現在の経済構造を他国に例を見ない特徴的なものとした。

従って、今後の産業政策の考察において不可欠であるべきは、資源制約下の人口減少社会に於い

てより多くの国民を幸福にする企業行動とは如何なるものなのかという視座である。

（５）市場の欠陥と政府の機能

市場が資源配分の最適性を確保し得ない場合、即ち市場の失敗については、公共財、リスク、規模の経済等のケースが知られるが、いずれの場合もそれは市場機能への信頼を揺るがすほどのものではなかった。しかし我々は、市場の価格決定システムそれ自体が本来的に持つ失敗、いわば市場の欠陥とも呼ぶべきものが、資源の有限性や地球環境悪化の急速な進行、社会の不安定性の拡大のなかで、無視出来ぬ大きさをもって顕在化しつつあることを見過している。

しかもそれらは、市場機能を前提とした従来の介入手法では十分に治癒されない性質のものであり、ここに市民革命以来、自由社会の旗手であり続けた市場は、いまその存在価値そのものを問われているのである。

資源配分の最適性と市場に対する政府の役割の考察において不可欠であるべきは、我々はそうした無視出来ぬ大きさの欠陥を持つ市場に直面しているという視座である。

【授業外学修】

特に予習・復習等は要しないが、翌週の授業でディスカッションが予定されている場合には、必要に応じ、関連する実態の把握に努めるとともに、自己の考えを十分に整理・精査しておくこと。

３．成績の評価方法：

講義においては、学生間のディスカッションを織り交ぜながら、日本経済が直面する環境変化と今後の短期的及び中長期的な望ましい経済政策について、講義を進めることとし、当該ディスカッションにおける成果を基に各人の成績を判定する。

期末試験、レポート提出等は行わない。

【成績評価基準 】

A: 到達目標について高い水準で達成している

B: 到達目標について満足できる水準で達成している

C: 到達目標について概ね達成している

D: 到達目標について最低限の水準は達成している

E: 到達目標について達成できていない

４．テキスト、参考文献等：(4-1:必携のテキスト　4-2:その他)

J. Galbgraith & W. Darity Jr. Macroeconomics 1994, Houghton Mifflin Co., Boston
（「現代マクロ経済学」塚原康博他訳　TBS ブリタニカ）

N.Gregory Mankiw Macroeconomics 1992, Worth Publishers Inc. New York
（「マクロ経済学 I、II」足立英之他訳　東洋経済新報社）

Joseph E. Stiglitz Microeconomics 1993, W.W.Norton &Company Inc.
（「ミクロ経済学」藪下史郎他訳　東洋経済新報社）
Charles I. Jones Introduction to Economic Growth 1998, W.W.Norton &Company Inc.
（「経済成長理論入門」香西泰訳　日本経済新聞社）
松谷明彦「「人口減少経済」の新しい公式」2004、日本経済新聞社
松谷明彦「２０２０年の日本人」2007、日本経済新聞出版社
松谷明彦「人口流動の地方再生学」2009、日本経済新聞出版社
松谷明彦「人口減少時代の大都市経済」2010、東洋経済新報社
松谷明彦「東京劣化」2015、ＰＨＰ研究所
小宮隆太郎　「現代日本経済」1988、東京大学出版会
浜田宏一他編　「日本経済のマクロ分析」1987、東京大学出版会
日本経済政策学会編　「日本の社会経済システム」1995、有斐閣
岡崎哲二他編　「現代日本経済システムの源流」1993、日本経済新聞社
小宮隆太郎他編　「日本の産業政策」1984、東京大学出版会
小宮隆太郎　「日本の産業・貿易の経済分析」1999、東洋経済新報社
Andrew B. Schmookler The Illusion of Choice 1993,State University of N.Y. Press
（「選択という幻想」河田富司訳　青土社）

５．講義で使用するソフトウェア（特にない場合は空欄でも可）：
無し

６．聴講の可否
可 Allow

７．履修上の注意：
特に無し

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO2720EA
講義名[日本語(英語)] / Class Name：Introduction to Applied Econometrics
担当者（フルネーム）/ Course instructor (Full Name)： WIE Dainn/WIE Dainn
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/3
単位数/ Credits：2

1. Course Description and the Learning Objectives：

1 Course Outline

Econometrics is the useful methodology of economics and other social studies. This course aims to introduce students to multiple regression and related methods to analyze data and connect data from the real world to economic models. We start by learning linear regression model which is widely used tool for economists. Additionally, we will study methods for panel data analysis, instrumental variables regression, and program evaluation. This course focuses on developing practical methodology and applying them to real data using STATA. The mathematics of econometrics will be introduced only as needed and will not be a central focus. Throughout the course, students will develop the ability to quantify causal relationship between policy variables and economic outcomes-knowledge essential for the EBPM (Evidence-Based Policy Making).

Related Diploma Policy [DP]

Public Policy MP1& MP2 [DP2]: Ability to analyze micro and macroeconomic policies and make practical policy recommendations for problem solving based on the analysis

2 Achievement Goals

Mastering Regression Analysis:

Students should understand how to apply various models to estimate unbiased estimates of policy impacts.

Students should understand OLS classical assumptions, internal and external validity threats and its implications in real life context.

Students should understand Panel and Instrumental Variable Estimation and its application in policy analysis setting.

Proficiency in STATA Software:

Students should gain practical skills in using STATA software for data management, analysis, and visualization.

Students should demonstrate competence in conducting regression analysis, hypothesis testing, and generating graphical outputs using STATA commands.

2. Course Outline：

Course Contents

The main theme of the course is to delve into the understanding of Ordinary Least Squares (OLS) regression and its limitations. Through this understanding, students will explore the nuances of OLS and learn to critically evaluate its applicability in empirical analysis. Additionally, the course will provide extensions in understanding by introducing techniques such as Panel Data Analysis and Instrumental Variable Estimation.

Week

1：Review of Probability Theory and Overview
2 : Review of Statistics and Hypothesis Testing
3：Linear Regression + STATA Session
4：Violation of Classical Assumptions
5：Multiple Regression
6：Nonlinear Regression
7 : Regression Assessment
8：Panel Data 1
9：Panel Data 2
10：Instrumental Variable 1
11：Instrumental Variable 2
12：Difference-in-differences 1
13：Difference-in-differences 2
14 : Applications and Interpretation
15：Review Session (30 minutes) and Final Examination (60 minutes)

Out of Class Learning for Each Class:

Students are expected to read the assigned chapters in the textbook prior to each class to enhance their understanding of the material covered. Additionally, after class, they are encouraged to review the course materials and complete problem sets using STATA regularly to cultivate their analytical skills.

Week	Date	Topic	Problem Set		
			Posting	Due date	TA Session
1	Oct 9	Introduction	PS #1		
2	Oct 16	Statistics+Hypothesis+STATA			PS#1 support +STATA
3	Oct 23	OLS			

4	Oct 30	Multiple Regression+Joint hypothesis testing	PS #2	PS #1	
5	Nov 6	Violation of Classical Assumptions			
6	Nov 13	Non-linear			PS#2 support
7	Nov 20	Review		PS#2	Past exam review+QA
	Nov 27	Midterm			
8	Dec 4	Internal Validity Threats	PS #3		
9	Dec 11	Panel Data (1)			PS#3 support
10	Dec 18	Panel Data (2)		PS#3	
11	Dec 25	Instrument Variable (1)	PS$4		
12	Jan 8	Instrument Variable (2)			PS#4 support
13	Jan 15	Difference-in-Differences (1)		PS#4	
14	Jan 22	Difference-in-Differences (2) or Review			Past exam review+QA
15	Jan 29	Final Exam			

3. Grading：

There will be four assignments (10% each) and two exams (30% each). The overall grade will be determined on a curve and will follow Grips assessment policy.

Assignments

Problem sets and data will be posted on the course web page. You will be required to use STATA. Please submit your assignment in class on designated due date. Students are welcome to work in groups on their problem sets, but each student must write up his or her answers separately. The maximum group size is 3. Please list the names of those with whom you worked on your assignments. Please append your STATA "log" files and "do" files to your assignments.

A: Students demonstrate a high level of understanding in written form, regarding estimators and their assumptions. Students should show how to apply knowledge learned in class to interpret and discuss regression tables in actual policy analysis context.

B: Students exhibit a solid understanding of fundamental concepts discussed in class, and should be able to interpret regression tables accordingly.

C: Students demonstrate a basic understanding of fundamental concepts in introduction to applied econometrics class.

D or E: This category encompasses students who do not meet the criteria outlined in the previous descriptions.

4. Textbooks and References (4-1:Required 4-2:Others)

   Stock J. H., and Watson, M.W., Introduction to Econometrics, Addison-Wesley, any Edition.
   Lecture Notes (PPT) on the course web site
   Useful Online Resources for STATA:

   1.STATA Website: http://www.stata.com/
   2.UCLA Institute for Digital Research & Education
   https://stats.idre.ucla.edu/stata/

5. Software Used in Lectures（If not applicable, it can be left blank.）:

   STATA will be used in classes.

6. Auditing ; Allow or Not Allow

   可 Allow

7. Note：

   Future Recommendations

   1. Future Readings

      You may find it useful to read other textbooks after you take this course. These textbooks will not be used in the course, but provide ample treatments of topics we cover in class:

   1.Wooldridge, J.M., *Introductory Econometrics*, Southwestern College Publishing.
   2.Angrist, J., and Pischke, J.S., *Mostly Harmless Econometrics: An Empiricist's Companion*, Princeton University Press.

   2. Future Courses (Strongly recommended)

      1) Selected Topics in Policy Studies (Introduction to Policy Evaluation) (Winter): for someone who wants to further develop their micro-econometrics knowledge

      2) Applied Time Series Analysis for Macroeconomics (Winter): for someone who wants to further develop their macro-econometrics knowledge.

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO2720EB
講義名[日本語(英語)] / Class Name：Introduction to Applied Econometrics
担当者（フルネーム）/ Course instructor (Full Name)：IZUMI Yutaro／泉　佑太朗
学期・曜日・時限 / Term・Day・Period：Fall 秋／Wed 水／2
単位数/ Credits：2

1. Course Description and the Learning Objectives：

Econometrics is a tool commonly used in economics and other social sciences to analyze real-world data. This course introduces basic econometric techniques to equip students with the knowledge and practical skills necessary to comprehend empirical research papers and to plan and execute their own empirical research.

[Learning Objectives]

- Understand the basic concepts in econometrics
- Use statistical software (Stata) to conduct original empirical research
- Critically evaluate empirical research papers with econometric analysis

[Related Diploma Policy]
Macroeconomic Policy Program (MEP1): 1
Macroeconomic Policy Program (MEP2): 1
Public Finance Program (PF): 2, 4

2. Course Outline：

Review of probability theory and statistics
Introduction to Stata
Randomized experiments
Regression
Panel data methods
Difference-in-differences
Instrumental variables
(Subject to change)

[Out-of-class study]
Students are expected to review the lecture materials after each session and also work on the problem sets.

3. Grading：

Problem sets (30%)

Midterm exam (30%)
Final exam (40%)
The overall grade will be determined on a curve and will follow the GRIPS assessment policy.
The problem sets include theoretical questions and data analysis questions using Stata.
[Evaluation Criteria]
Student’s achievement of the Course Goals is:
Outstanding: A
Superior: B
Satisfactory: C
Minimum acceptable: D
Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)
4.1
Stock, J.H. and M.W. Watson, Introduction to Econometrics, Pearson Education
4.2
Angrist, J.D. and J.S. Pischke, Mastering Metrics: The Path from Cause to Effect, Princeton University Press
Wooldridge, J.M., Introductory Econometrics, Southwestern College Publishing.

5. Software Used in Lectures（If not applicable, it can be left blank.）:
In this course, Stata will be used as a primary statistical software tool. A brief tutorial session on Stata will be conducted to familiarize students with its functionalities. For students enrolled at GRIPS, access to Stata is provided at no cost.

6. Auditing ; Allow
7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO3000E
講義名[日本語(英語)] / Class Name：Mathematics for Economic Analysis
担当者（フルネーム）/ Course instructor (Full Name)： MAKDISSI Etienne
学期・曜日・時限 / Term・Day・Period： Fall 秋／Tue 火／5
単位数/ Credits：2

1. Course Description and the Learning Objectives：

   This is a course in mathematics for Economics students. The main aim is to provide a refreshing and refinement of knowledge of calculus, matrices and optimization to students seeking to upgrade their skills. It is particularly useful for PhD students who are looking for specific training in common mathematical techniques. The main learning goals for students are

   1. to end up with the mathematical skills necessary to navigate their courses in Economics and related fields at GRIPS.
   2. to have specific understanding in calculus, constrained optimization, matrices and related concepts

   Related Diploma Policy

   MP1/2 (DP No.3) and MEP1/2 (DP No.2).
   Policy Analysis (DP 2)

2. Course Outline：

   The topics, level and schedule may change, depending on your understanding and interests. Except where stated, all the reading is from the required textbook. Some of the material may be presented in a different order or may be omitted if we run out of time. Some topics will occupy more than 1 lecture and the order may vary from that shown below

   Out of class learning (approximately 45 hours) consists of reading the textbook, reviewing lecture notes, doing practice and assessed problem sets.

   Lecture topics.

   1. Introduction. Partial differentiation
   2. Unconstrained Optimization
   3. Series, graphing functions and approximations
   4. Constrained optimization; Kuhn Tucker
   5. Matrices I
   6. Definite Matrices and second order conditions
   7. The language of topology
   8. Matrices II. Eigenvalues and eigenvectors
   9. Differential Equations
   10. Optimal Control Theory

11. Review and Final Exam (Weight: 40%)

3. Grading：

Take home problems sets (3): 60% Final Exam: 40%.

The final exam is a standard 80 minute exam which will cover all material from the course.

Grading Evaluation Criteria:

A: Demonstrate a mastery of learning goals 1 and 2.

B: Demonstrate achievement learning goals 1 and 2.

C: Demonstrate a satisfactory achievement of learning goals 1 and 2, with some significant weaknesses in understanding for some aspects of the course material..

D: Demonstrate elements of achievement of learning goals 1 and 2, with some significant weaknesses in understanding for some aspects of the course material..

E: Unacceptable achievement of learning goals 1 and 2, with major weaknesses in understanding of key aspects of the course material.

4. Textbooks and References (4-1:Required 4-2:Others)

Simon & Blume: "Mathematics for Economists",Norton. 2012

Chiang and Wainwright, Fundamental Methods of Mathematical Economics, McGraw-Hill.

There are many other good texts that cover mathematics for economics. These are suitable provided they cover Kuhn-Tucker and other aspects of constrained optimization. I strongly recommend that you buy at least one text.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

Microsoft office for lecture notes and slides etc.

6. Auditing ; Allow or Not Allow

Allow

7. Note：

Students are not allowed to use ChatGPT for assignments unless specifically allowed to. Materials for the course will be posted in Teams.

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO3110E
講義名[日本語(英語)] / Class Name：Fiscal Reform in Japan
担当者（フルネーム）/ Course instructor (Full Name)： 大田　弘子/OTA Hiroko
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/木 Thu/5
単位数/ Credits：2

1. Course Description and the Learning Objectives：

Course Description and the Learning Objectives：

In this course, we will discuss the current problems with Japan's public finance policy and the necessary reforms to address them. Japan's public finance faces several important issues. First, making a fiscal consolidation plan to lower the huge amount of government debt is urgent. We will review factors of financial deterioration, Japan's budgeting system, and efforts for fiscal consolidation.Second, amid rapid population aging, implementing social security reform is very important.Although an excellent social security system was established in Japan after World War II, it now requires reforms to overcome rapid population aging. We discuss problems and reforms of the medical care system and pension system.Third, taxation reform in response to globalization and population aging is vital.
In addition to the aforementioned issues, we will discuss other important issues such as local public finance, privatization, and public loan programs in Japan.
Students will learn how to approach specific public finance policy issues through examples of Japans various policy initiatives, both successful and unsuccessful.
In this course, each student will give a presentation on his/her countrys public finance policy. By presenting and discussing their own countrys public finance policies while learning about examples of Japanese policies, students will deepen their understanding of their countrys approach to public finance issues.

[Related Diploma Policy (DP)]

Macroeconomic Policy Program (MEP1&2),

(2) Ability to analyze and present optimal policies from a cross-sectoral perspective with broad knowledge of applied fields in economics and public policy

(3) Ability to make policy recommendations for practical solutions based on a deep understanding of the current state of macroeconomic policy theory and practice and the systems and examples of countries around the world

Public Finance Program (PF):

(1)The ability to understand economic theory and implications behind public policies in general, tax and customs policies, in particular.

(2)The ability to identify problems and evaluate public policies, customs and tax policies in particular, using various qualitative and statistical techniques, so as to make policy implications.

[Course Goals]

Students can:

understand the issues facing the Japanese public finance and present opinions on where the problems lie and how to solve them,

theoretically explain the concept of taxation, social security system, redistribution policy, etc.

clearly explain the public finance policies of ones own country, its problems, and solutions.

2. Course Outline：

Course Outline：

1. Introduction (Course outline and overview of Japan's economy today)
2. Overview and brief history of Japan's public finance
3. Population aging and its effects on public finance
4. Social security system in Japan 1 - Overview of social security-
5. Social security system in Japan 2 - Medical care system in Japan-
6. Social security system in Japan 3 - Pension system in Japan
7. Political economy of budget
   - Special lecture by Prof. Hideaki Tanaka of Meiji University -
8. Taxation system 1 -Basic theory of taxation-
9. Taxation system 2 -Japan's tax system and corporate tax-
10. Taxation system 3 -Individual income tax and consumption tax-
11. Decentralization and local public finance
12. Government loan program in Japan (FILP)
13. Privatization
14. Policies for managing and preventing sovereign debt crisis
15. Policy-making process in Japan

[Out-of-class Learning]

No preparation is required. After each lecture, students are required to review relevant public finance policies and relevant economic data in their home country on each topic. In addition, students are expected to be interested in policy trends and news on Japans finances.

3. Grading：

Grading:

Evaluation methods and content are as follows

Active participation in class by speaking up, asking questions, etc. (20%)

A concise and targeted presentation (10 minutes) on the public finance policy of the students own country and answers to questions from the students (30%)

Term paper on one of the following themes (50%)

- Analyzing issues related to fiscal reform in Japan or in your country
- Comparing issues related to public finance policies in your country with that of Japa

4. Textbooks and References (4-1:Required 4-2:Others)

Materials concerning each topic will be provided in class.

Hiromitsu Ishi, The Japanese Tax System (Third Edition), Oxford University Press, 1989

Takero Doi and Toshihiro Ihori, The Public Sector in Japan, Edward Elgar Publishing, 2009

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

可 Allow

7. Note：

開講年度（2024.4 月-2025.3 月）/ Academic Year: (April 2024 - March 2025)
科目番号 / Course Number： ECO3300J
講義名[日本語(英語)] / Class Name： 都市経済学
担当者（フルネーム）/ Course instructor (Full Name)： 岡本　亮介/OKAMOTO Ryosuke
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/火 Tue/6
単位数/ Credits：2

１．本授業の概要及び到達目標：

都市経済学は、都市内部の空間構造と地域間（都市間）の関係の両方を経済学的に分析するものである。したがって、本講義は、現実経済を空間的視点で分析するための道具を身につけることを目的とする。本講義を受けた後で、自ら問題を設定して解決することができるようになることを期待する。

【関連するディプロマーポリシー（DP ）】
まちづくり政策コース DP①、②、③

２．各授業のテーマ：

第　１回：都市の成立要因
第　２回：古典的産業立地論
第　３回：集積の経済
第　４回：2 地域モデル
第　５回：地方公共財における価格メカニズム
第　６回：単一中心都市モデルⅠ
第　７回：単一中心都市モデルⅡ
第　８回：土地政策・交通政策の効果
第　９回：都心・副都心の形成
第１０回：都市の階層構造
第１１回：交通の混雑費用の計測
第１２回：公共投資の最適性の検証
第１３回：集積の経済の計測
第１４回：交通ネットワークの費用便益分析
第１５回：交通ネットワークの費用便益分析 II

【授業外学修】
Teams 上にアップロードしてある講義資料を予習復習する。

３．成績の評価方法：

レポートによって評価する。

【成績評価基準 】

A: 到達目標について高い水準で達成している

B: 到達目標について満足できる水準で達成している

C: 到達目標について概ね達成している

D: 到達目標について最低限の水準は達成している

E: 到達目標について達成できていない

４．テキスト、参考文献等：(4-1:必携のテキスト　4-2:その他)

５．講義で使用するソフトウェア（特にない場合は空欄でも可）：

６．聴講の可否

否 Not Allow

７．履修上の注意：

ミクロ経済学の予備知識を持っていることを前提とする。

開講年度（2024.4 月-2025.3 月）/ Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO3440J
講義名[日本語(英語)] / Class Name：　世界経済の見方：国際的政策協調の中で
担当者（フルネーム）/ Course instructor (Full Name)：　SUMI Chikahisa／鷲見　周久
学期・曜日・時限 / Term・Day・Period：　Fall　秋／Thu　木／3
単位数/ Credits：2

１．本授業の概要及び到達目標：

国際通貨基金（IMF）　の世界経済見通しや国別審査報告書、G7　コミュニケのマクロ経済関係部分などを素材に、各国のマクロ経済政策の立案過程を概観し、経済運営上のリスク、国際的な政策協調とセーフティーネットなどの枠組みを学ぶ。修了時には上記の素材を読んで、その時点での世界経済の状況と見通し及びリスクや今後の諸課題、各主要国の政策の方向性が理解できるようになることを目指す。政策担当者として自国の政策立案能力を向上させるほか、金融市場参加者として投資環境の見通し能力を向上し、また、有権者として政策を適切に批評する能力の向上にも資することが期待される。（該当する SDGs：1, 2, 3, 8, 9, 10,13,17）

２．各授業のテーマ：

第１回　講義の全体像と目的
第２回　マクロ経済政策の目的と手段
第３回　マクロ経済分析の枠組み
第４回　マクロ経済分析の実例
第５回　財政政策の現状と課題
第６回　金融政策の現状と課題
第７回　構造政策の現状と課題
第８回　IMF レポートの読み方
第９回　各国の危機の原因と構造
第 10 回　過去の危機のケーススタディ
第 11 回　国際的な政策協調の枠組み
第 12 回　サーベイランスの実例
第 13 回　セーフティーネット発動の実例
第 14 回　政策協調の今後の課題
第 15 回　まとめ、質疑
※試験の日程は授業開始後連絡する。

【授業外学修】
各回の冒頭に前回の授業の理解度を見るために質問をすることがある。復習を推奨する。
授業外でもメールでの質問を歓迎する。

３．成績の評価方法：

教室内の議論への参加を重視し、成績は試験と議論への参加を同比率で勘案する。

【成績評価基準】

A：到達目標を高い水準で達成している

B：到達目標を満足できる水準で達成している

C：到達目標を概ね達成している

D：到達目標を最低限の水準で達成している

E：到達目標を達成していない

４．テキスト、参考文献等：(4-1:必携のテキスト　4-2:その他)

4- 1

- IMF World Economic Outlook (Chapter 1)　IMF のサイト(World Economic Outlook (imf.org)) から入手可能
- G7　Leaders'　Communique　（マクロ部分）　　外務省のサイトから入手可能

4-2

- IMF Global Financial Stability Report　IMF のサイト（Global Financial Stability Report (imf.org)）から入手可能

５．講義で使用するソフトウェア（特にない場合は空欄でも可）：

６．聴講の可否

可

７．履修上の注意：

授業は日本語で行うが、資料などは英語のものも多く使用。質問歓迎。

経済学、財政学の講義の既習は必要としないが、授業前にある程度の予習が望ましい。

学生は名札を掲示。聴講可。

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO3600E
講義名[日本語(英語)] / Class Name：Contemporary Japanese Economy
担当者（フルネーム）/ Course instructor (Full Name)： NAKAJIMA Atsushi／中島　厚志
学期・曜日・時限 / Term・Day・Period：Fall 秋／Thu 木／1
単位数/ Credits： 2

1. Course Description and the Learning Objectives：

   [Course Description and the Learning Objectives]

   After World War II, Japan achieved a miraculous economic recovery. But, after that, Japan entered the lost decades following the collapse of the real estate bubble. In the process, the outstanding public debt has also accumulated, and now it has reached the worst level in the world.

   Such a Japan's economy is an interesting subject of study. It offers some of the most interesting experiments and results for policymakers, such as what kind of policies brought about a miraculous economic recovery, why an irreversible real estate bubble arose, why economic policies failed to save the lost decades. Through Japan's economy and policies, we examine the countermeasures and their effectiveness for various economic issues that many countries have in common.

   This course is designed so that students learn relations between various economic tasks and the effectiveness of countermeasures using as a subject the contemporary Japanese economy. Students are expected to acquire the understanding and perspective of various economic phenomena, and practical economic policy design skills with a broad awareness of the effects of policy.

   [Course Goals]

   Students can:

   (1) learn major economic tasks Japan had faced since World War II

   (2) understand and analyse factors behind economic tasks, and different economic/financial measures to counter economic tasks, and

   (3) design appropriate economic policies following economic conditions.

   [Related Diploma Policy]

   ASEAN Initiatives Program (AIP): 1, 4

   Economics, Planning and Public Policy Program (EPP): 1, 2

   Macroeconomic Policy Program (MEP1): 3

   Young Leaders Program (YLP): 2, 3

2. Course Outline：

   1. Outline of the Japanese economy after World War II.
   2. Economic miracle - Japan's high growth from 1950s through 1960s.
   3. Oil Crisis -Japan became the winner among developed countries.

4. Japanese yen – Strength and weakness.
5. Real estate Bubble – Causes and effects.
6. Banking sector reforms.
7. Lost decades – Why Japan continues to have low economic growth and deflationary pressure.
8. Public debt – Japan became among the worst in the World.
9. Economic problems related to aging population.
10. Challenges and reforms of the Japan Social Security System.
11. Globalization and industrial hollowing out.
12. SME policies – Success and failure.
13. Climate change – Japan's Energy Policy and the Impact of the Nuclear Power Plant Accident.
14. Maintaining Japan's International Competitiveness and Necessity of New Industrial Policies.
15. Wrap up discussion.

[Out-of-class learning]
Students are required to read the materials distributed before each class. When reading materials, refer to textbooks, reference books, etc., understand the issues and policy responses done by Japanese government, and actively participate in the discussions held in the class are strongly required.

3. Grading：
Students are supposed to submit mid-term paper and final exam, with which their performance will be evaluated. The theme of the mid-term paper consists of various economic events and policies to counter them. The deadline is to be set at the end of November for the mid-term paper submission

[Evaluation Criteria]
Grading is based on the contribution to lectures through comments and questions during class (10%), the submission of mid-term paper (30%) and final paper (60%).

Student's achievement of the Course Goals is:
Outstanding: A
Thoroughly acquire the basic knowledge and way of thinking about the Contemporary Japanese Economy (events and countermeasures) and further apply them to similar economic events.
Superior: B
Acquired the basic knowledge and way of thinking about the Contemporary Japanese Economy (events and countermeasures), and is able to explain similar economic events.

Satisfactory: C
Acquired most of the basic knowledge and way of thinking about the Contemporary Japanese Economy (events and countermeasures), and is able to explain its mechanism.

Minimum acceptable: D

Acquired the minimum level of basic knowledge and way of thinking about the Contemporary Japanese Economy (events and countermeasures), and is able to explain its mechanism.

Below the acceptable level: E

Not acquired the basic knowledge and way of thinking about the Contemporary Japanese Economy (events and countermeasures), and is not able to understand its mechanism.

4. Textbooks and References (4-1:Required 4-2:Others)

4-1: Required

"The Japanese Economy - Strategies to Cope with a Shrinking and Ageing Population", by Randall S. Jones, 2022

“Japan: Staff Concluding Statement of the 2023 Article IV Mission”, by IMF, 2023

“OECD Economic Survey of Japan 2024 " January 2024

4-2: Others

“The Japanese Economy -Then, now, and beyond”, by Mitsunori Taniuchi, Cengage, 2013

“The Japanese Economy” Second Edition, by Takatoshi Ito and Takeo Hoshi, The MIT Press, 2020

“The Japanese Economy” 4th edition, by David Flath, Oxford University Press, 2020

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

Allow

7. Note：

開講年度/ 2024 年度（April 2024 - March 2025）
科目番号/ Course Number：ECO3620J
講義名/ Course Name：構造変化の下での財政金融政策
担当者/ Course instructor：　特任教授　黒田　東彦　/ KURODA Haruhiko
学期 / Term：秋学期 / Fall（2024.10 月-2025.1 月）、毎週火曜 15：00～16：30

１．本講義の概要及び到達目標 / Course Description and the Learning Objectives：

財政政策は政府・国会が決定し、金融政策は新日銀法（1998 年施行）により政府から独立した日本銀行が決定しており、それぞれの目的も、財政政策は公共財の供給・景気の調整・所得再分配と幅広く、金融政策は物価の安定・金融システムの安定と限定されている。しかし、マクロ経済政策の面では重なっており、経済金融が国際化する中で、その協調がますます大きな課題となっている。経済史をたどることによって、こうした制度変化と構造変化を理解することが求められる。

到達目標としては、学生が財政政策と金融政策の違いを踏まえたうえで、現下の内外経済情勢の下での最適な組み合わせを議論できるようになることである。

２．各授業のテーマ / Course Outline：

第 1 回：財政金融政策の理論と歴史
第 2 回：1970 年代の石油危機の下での財政金融政策
第 3 回：1980 年代の「プラザ合意」や「ルーブル合意」の下での財政金融政策
第 4 回：1990 年代前期のバブル崩壊による不良債権急増の下での財政金融政策
第 5 回：1990 年代中期の日米経済摩擦激化の下での財政金融政策
第 6 回：1990 年代後期のアジア通貨危機と国内金融危機の下での財政金融政策
第 7 回：1990 年代末の「財金分離」の下で財政金融政策
第 8 回：1998 年に施行された新日銀法の下での財政金融政策
第 9 回：1998～2012 年の持続的なデフレの下での財政金融政策
第 10 回：2008 年のリーマンショック及び 2011 年の東日本大震災の下での財政金融政策
第 11 回：2012～2020 年の「アベノミクス」の下での財政金融政策
第 12 回：2020～2021 年のコロナ感染症拡大の下での財政金融政策
第 13 回：2022 年以降のウクライナ戦争の下での財政金融政策
第 14 回：今後の財政再建と金融正常化の道筋
第 15 回：全体を総括したうえでの財政金融政策のあるべき姿

授業外学習としては、内外の経済紙に目を通して、世界各国でどのような財政金融政策に関する政策論争が行われているかを理解しておくこと。

３．成績の評価方法 / Grading：
評価項目としては、レポート(20%)や授業への貢献(20%)も必要であるが、最終的には筆記試験（60%）が重要である。

【成績評価基準】
A: 到達目標について高い水準で達成している
B: 到達目標について満足できる水準で達成している
C: 到達目標について概ね達成している
D: 到達目標について最低限の水準は達成している
E: 到達目標について達成できていない

４．テキスト、参考文献等：(4-1:必携のテキスト　4-2:その他)
財政政策や金融政策に関する理論書（たとえば、ジョー・スティグリッツ『公共経済学』、石弘光『財政理論』、福田慎一『金融論』など）は理解している必要があるが、講義の性質上、IMF の World Economic Outlook、政府の経済見通しや財政見通し、日銀の展望レポートなどが参考文献として挙げられよう。

５．講義で使用するソフトウェア/ Software Used in Lectures：

６．聴講の可否 / Auditing
可

７．履修上の注意 / Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO3810E
講義名[日本語(英語)] / Class Name：Economic Development of Japan
担当者（フルネーム）/ Course instructor (Full Name)： 橋野　知子, 松永　正英/HASHINO Tomoko and MATSUNAGA Masaei
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/金 Fri/4
単位数/ Credits：2

1. Course Description and the Learning Objectives：

This course is divided into two. The first half of this course is concerned with the identification of critical factors why Japan succeeded in Modern Economic Growth in 19-20 centuries. The second half of the course explores the essence of Japan's development cooperation (DC) in the processes of economic growth in Japan.

【Outline of Course】

(first half)

It is well-known that Japan was the first country to complete Modern Economic Growth or industrial revolution outside western countries before the WWII. Why was it possible for Japan to catch up with western countries? In addition, why was Japan's growth so rapid? Who was the promoter of the growth? To consider above questions, we will focus on several key topics in the process of industrializing Japan after introducing the overall structure of the course.

(1) Historical background of Modern Economic Growth: Edo Period (1603-1867)
(2) Institutional changes led by Meiji Government
(3) Industrial policies vs. private initiatives
(4) Role of industrial clusters
(5) Wars and economic development

Besides, by introducing 'student's driven class' which students make presentation about the development of industrial cluster, we would like to share not only the knowledge but also the wisdom who or how promoted the development of industrial cluster in different countries.

(Second half)

Because of its historical context Japan's DC retains many unique features that are not common among Western countries, which often results in criticism by the latter as deviation from the global norms of development cooperation. Nonetheless, the uniqueness of Japan's DC is considered to generate two-way efficacy for both parties of cooperation, contributing to its own as well as partner countries' development. This part is designed for participants to examine such uniqueness with its merits and demerits, focusing on the relation with Japan's industrial development. Based on the findings, participants are expected to conceive an idea to accelerate economic growth of their country either by using their own DC with partner countries or by using Japan's DC skillfully.

【Related Diploma Policy(DP)】

[GRIPS Global Governance Program]

1. Ability to plan, formulate, implement, and analyze policies from a broad perspective, based on expert knowledge in economics and politics, while being mindful of history and the reality on the ground.

[Young Leaders Program]

2. Ability to conduct policy analysis and make practical policy recommendations to solve problems with extensive knowledge on public policy.

3. Ability to build and develop friendly relations with Japan based on a deep understanding of Japan

【Course Goals】

Students can;

(1) understand not only development history of Japan in 19-20C but alto the critical role of initiatives of private sector in economic development.

(2) explain the role of government in the process of development.

(3) acquire the comparative perspective for analysis by doing research on the development of industrial clusters in their own countries and learning from the research conducted by other students.

(4) explain the essence of the transition of Japan's DC strategies to those unfamiliar with Japan's historical context.

(5) formulate a basic DC strategy for their countries, either as an implementer of south-south cooperation or as a beneficiary of DC proposed by others.

2. Course Outline：

(first half)

(1) Overview: Following the 150 year history of Japanese economy

(1) Finding factors promoting MEG: Historical background before Meiji Period

(2) What did the government do? 1: Institutional changes in the early Meiji Era (1868-1912)

(3) What did the government do? 2: Educational reform and 'innovation'

(4) Who was the leader of industry? 1: Modern industries or Traditional industry?

(5) Who was the leader of industry? 2: Role of industrial clusters in economic development

(6) Wartime economy and its legacy

(7) Student's driven class 1: How and why did industrial cluster develop in my country?

(8) Student's driven class 2: How and why did industrial cluster develop in my country?

【Out-of-Class Learning】

In preparation for each session, students are required to read assigned materials for further understanding the contents of the session as well as preparing questions to ask the instructor in the class.

Since 7th and 8th sessions are student's driven class by presentations on the case study of industrial cluster, following Q&A, and discussion, students are required to collect materials and data for own presentation.

At the end of the first half of this course, students are required to write a short paper based on their presentation.

(Second half)

(9) Overview of Japan's DC: modalities, institutions, and actors

(10) Philosophy and uniqueness of Japan's DC rooted in Japan's MEG as a non-Western state (11) Direct Linkage with Japan's industrial development in 1970s and 2010s

War reparation and the commencement of ODA in 1950s

North-South Problem and ODA policy focused on natural resources in 1960s & 70s

Facilitation of foreign direct investment by Japanese firms in Southeast Asia in 1970s & 80s

Infrastructure System Export Strategy in 2010s

(12) Knowledge based cooperation drawing on Japan's experience in MEG

Policy support to transitional economies in 1990s

Knowledge-Co-creation Program and Development Studies Program of JICA

(13) Emerging actors of Japan's DC: small and medium-sized enterprises and local entities

(14) Socioeconomic challenges and the directions of Japan's DC

Students' driven class 1 ： How should Japan utilize DC with emerging countries?

(15) Practical ways for emerging countries to realize win-win DC with partner countries

Students' driven class 2: How should your county utilize DC with partner countries to maximize its benefit for both parties.

【Out-of-Class Learning】

In preparation for each session, students are required to read assigned materials to understand the historical context of Japan's DC strategies as well as the basic concepts of globally practiced DC strategies.

In preparation for the 14th and 15th sessions, students are required to summarize their initial idea in a short paper.

At the end of the course, students are required to write a short paper on a basic DC strategy for their country, synthesizing the knowledge gained and co-created during the sessions.

3. Grading：

(first half)

(1) Contribution in the class including presentation (20%).

(2) Take-home midterm exam (30%).

(second half)

(3) Contribution to discussion in the class (30%).

(4) Output of class: a brief paper on an idea about development cooperation (20%)

【Evaluation Criteria】

Student's achievement of the Course Goals is:

Outstanding: A, Superior: B, Satisfactory: C, Minimum acceptable: D, Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)

(first half)

4-1: I will prepare the detailed PPP slides for every lecture and distribute it beforehand, which contents came from the texts and the articles mainly written in Japanese.

4-2: For further understanding this course, I recommend all the students to read Professor Kenichi Ohno's The History of Japanese Economic Development: Origins of Private Dynamism and Policy Competence, Routledge, 2018. This book is OPEN ACCESS. Please download this before the beginning of the course. https://www.taylorfrancis.com/books/oa-mono/10.4324/9781315444048/history-japanese-economic-development-kenichi-ohno

4-2 Regarding the studies on industrial cluster or industrial district, the below book will be helpful for further understanding.

Sonobe T., and Otsuka, K. (2006) Cluster-Based Industrial Development: An East Asian Model　Palgrave and MacMillan.

Sonobe, T., and Otsuka, K. (2010) Cluster-Based Industrial Development: A Comparative Study of Asia and Africa, Springer.

Hashino, T., and Otsuka, K. (2016) Industrial Districts in History and the Developing World, Springer.

(second half)

4-1:

Participants are occasionally required to read a brief paper before the class, which will be noticed a week before

it.
4-2: Reference,

Shimomura., Y., Page, J., & Kato, H., Japan's Development Assistance: Foreign Aid and the Post-2015 Agenda, Palgrave Macmillan, 2015.

Fukuda-Parr, S., Lopes, C., Malik, K., Capacity for Development: New Solutions to Old Problems, Earthscan, 2002.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

   否 Not Allow

7. Note：

   Knowledge of basic microeconomics is needed for understanding the course. However, no knowledge of Japanese history is required.

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO4130E
講義名[日本語(英語)] / Class Name： Tutorial (PF)
担当者（フルネーム）/ Course instructor (Full Name)：WIE Dainn
学期・曜日・時限 / Term・Day・Period： Fall 秋
単位数/ Credits： 1

1. Course Description and the Learning Objectives：

A tutorial is a small-group consultation course and required part of the degree requirements for the Public Finance programs. Each group will consist of no more than five students, considering whether they are in Japan and the region of their origin. A tutorial is meant to nurture the sense of connectedness with faculty members as well as among fellow students at the early stage of designing their research. To that extent, students are expected to lead and participate in rigorous discussions of their subjects of interest with the instructor and other students and explore different arguments and present and their ideas.

Related Diploma Policy [DP] in the Public Finance Program

- [DP2] The ability to identify problems and evaluate public policies, customs and tax policies in particular, using various qualitative and statistical techniques, so as to make policy implications.
- [DP4] The ability to write a thesis to investigate a theoretical issue, policy problem, administrative issue, or historical situation in the area of public finance and present their findings

2. Course Outline：

The detailed schedule by each group will be announced later. Note that because this class is heavily discussion-oriented, consistent attendance is essential. You will come to rely on your classmates for comments and insights into your work, and you should not shirk from providing such support and advice to others.

Group Meeting	Tutorial Topic	Written Assignment
Week 1	Research Question	
Week 2	Literature Review	
Week 3	Methodology	
Week 4	Small Group Discussion: Research Question	
Week 5	Small Group Discussion: Research Question	
Week 6	Proposal	Proposal (January, 2025)
Week 7	Revise Prosposal	Revised Prospectus

3. Grading：

The tutorial will be graded on a Pass/Fail basis. Grading will be baded on student’s contribution to discussions, oral presentations, and written assignments.

4. Textbooks and References (4-1:Required 4-2:Others)

None.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

Not Allow

7. Note：

Policy Paper Timeline :

- Summer-October: Some lectures about research question and literature review, and so on
- November-December: Group or individual discussions
- December-January: Find your supervisor
- Mid-January: We will ask you to submit proposal and the name of supervisor
- February-March:
  - Please gather all your data and start data cleaning.
  - Some of you will change/modify topic depending on the data availbility.
  - If you do survey, you will work on survey questions.
- April: For quantitiave study, data cleaning should be done by the end of April. Data cleanig requires some STATA proficiency and time.
- May:
  - For any type of study, you should start analysis and start to get “main findings”.
  - Interim presentation: You will present your preliminary findings at the interm presentation and receive feedbacks.
- June: Please start write a manuscript. You will refine your arguments and findings while you write up manuscrip.
- Early July: Final presentation
  - During the final presentation, you will receive some feedbacks on your overal work.
  - Some will have finished first draft by this time.
- End of July:
  - You will submit your manuscript to the program.
  - Supervisors will submit grades by mid-August. So, depending on their comments, you can still work on the final revision.

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO5910E
講義名[日本語(英語)] / Class Name：Guided Self-Study I
担当者（フルネーム）/ Course instructor (Full Name)： 関係教員/Various
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/
単位数/ Credits：2

1. Course Description and the Learning Objectives：
   PA students who have passed all the Basic Qualifying Exams and received approval from both the director and their advisors are eligible to enroll in this course under their advisors supervision. The advisor needs to provide topics, study instructions, and materials (if available) and set up meeting times/venues for 15 meetings in a semester.
   [Related Diploma Policy (DP)]
   The advisor needs to provide this information.
   [Course Goals]
   The advisor also needs to set up the goals and requirements for this course.

2. Course Outline：
   The advisor needs to provide topics and materials (if available) for 15 meetings in a semester.
   [Out-of-class Learning]
   Students need to review meeting materials/guidance from their advisors

3. Grading：
   It should be Pass or Fail in principle.
   [Evaluation Criteria]
   A student will pass if the student satisfies the study goals/requirements set by the advisor.

4. Textbooks and References (4-1:Required 4-2:Others)
   The advisor needs to provide materials/textbooks (if available) to students enrolled in this course.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow
   否 Not Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO5920E
講義名[日本語(英語)] / Class Name：Guided Self-Study II
担当者（フルネーム）/ Course instructor (Full Name)： 関係教員/Various
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/
単位数/ Credits：2

1. Course Description and the Learning Objectives：

   PA students who have passed all the Basic Qualifying Exams and received approval from both the director and their advisors are eligible to enroll in this course under their advisors supervision.

   [Related Diploma Policy (DP)]

   The advisor needs to provide this information.

   [Course Goals]

   The advisor also needs to set up the goals and requirements for this course.

2. Course Outline：

   The advisor needs to provide topics and materials (if available) for 15 meetings in a semester.

   [Out-of-class Learning]

   Students need to review meeting materials/guidance from their advisors

3. Grading：

   It should be Pass or Fail in principle.

   A student will pass if the student satisfies the study goals/requirements set by the advisor.

4. Textbooks and References (4-1:Required 4-2:Others)

   The advisor needs to provide materials/textbooks (if available) to students enrolled in this course.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow

   否 Not Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO6050E
講義名[日本語(英語)] / Class Name：Advanced Macroeconomics I
担当者（フルネーム）/ Course instructor (Full Name)： PORAPAKKARM Ponpoje/PORAPAKKARM Ponpoje
学期・曜日・時限 / Term・Day・Period：秋前期 Fall (Session I)/水 Wed/3 水 Wed/4
単位数/ Credits：2

1. Course Description and the Learning Objectives：

[Course Description]

This is the first course in the Ph.D. macroeconomics sequence. The course will emphasize the methods to solve dynamic macroeconomic problems. Specifically, we will learn about applied dynamic programming and its application on optimal growth models and dynamic stochastic general equilibrium models (DSGE). Two solution methods, namely value function iteration and log-linearization, will be repeatedly utilized to analyze this class of macro models. The class lectures, assigned problems, and the exam will focus on analytic solutions and the underlying economic intuition. Numerical solutions, which require computer programming skills, will be briefly discussed in class.

Throughout the course, we will assume a representative household/firm and frictionless markets. These assumptions will be relaxed in the later courses in this sequence.

[Course Goals]

1) Students are expected to be well equipped with mathematical tools commonly used in dynamic macroeconomic models.

2) In addition, students must be able to interpret and explain economic intuitions behind the results in each model studied in the course.

[Related Diploma Policy]

Policy Analysis Program (PA):

2. The ability to conduct quantitative analysis using the methods of modern economics.

Macroeconomic Policy Program (MEP1):

1. Having the expertise in basic economics necessary for the analysis, formulation and implementation of macroeconomic policies, the ability to apply it to macroeconomic policy design and evaluation practices

Macroeconomic Policy Program (MEP2):

1. Having the deep expertise in basic economics necessary for the analysis, formulation and implementation of macroeconomic policies, the ability to apply it to macroeconomic policy design and evaluation practices

2. Course Outline：

Week 1. Introduction to Dynamic Programming

Week 2. Introduction to Dynamic Programming (continue)

Week 3. Optimal Growth Model (social planner v.s. competitive equilibrium)

Week 4. Solow Growth Model/Optimal Growth Model (solution methods: value function iteration, log-linearization, and method of undetermined coefficients)

Week 5. Endogenous Growth Model: externality/human capital

Week 6. DSGE Model (solution methods: value function iteration and log-linearization)

Week 7. Some RBC Facts and applied DSGE Model: calibration exercises and its criticism, welfare cost of business cycle

Week 8. Lucass Tree Model and Asset Pricing: equity premium puzzle (depending on the class progress)

Final exam: TBA

[Out-of-class Learning]

There will be around 4 homework assignments. Each must be handed in at the beginning of class (the due date will be in the problem set sheet). A missing problem set or a late submission will be assigned zero credit. One problem set with the lowest score will be dropped out when calculating the courses total score.

Importantly, learning from the homework is as important as learning from the class lecture. So everyone should spend a good amount of time working of the assigned problems. Everyone is encouraged to have a group discussion but has to hand in your own answer sheets to get credit.

3. Grading：

Homework (20%)

Final exam (80%)

The final exam must be taken on the assigned schedule. A makeup final exam is allowed only in an extreme case, eg. serious accidence or hospitalization.

[Evaluation Criteria]

Student's achievements of the Course Goal is:

Outstanding: A

Superior: B

Satisfactory: C

Minimum acceptable: D

Below the acceptable level: E

4. Textbooks and References (4-1:Required 4-2:Others)

There is no single textbook covering all topics in the course. So attending the lectures is very important. There is no required textbook. Summarized lecture note will be posted online. Listed below are recommended textbooks for students who plan to choose macroeconomics as a specialized field. Parts of these textbook will be used to as a reference or additional reading in each lecture. All textbooks are available to use in our library.

- David Dejong and Chetan oDave, Structural Macroeconometrics 2nd Eds, Priceton University Press. This textbook gives a comprehensive coverage on the econometric methods used in empirical macroeconomics and DSGE models. This is a must-have textbook for macroeconomists using DSGE models in their reseach.
- Jerome Adda and Russell Copper, Dynamic Economics: Quantitative methods and Application, MIT Press. The textbook covers numerical methods in macroeconomics. It is a nice complementary textbook to Dejong and Dave.
- Lars Ljungqvist and Thomas Sarget , Recursive Macroeconomic Theory 3rd Eds, MIT Press. This textbook is considered as a main textbook in many 1st year Ph.D. macroeconomics courses, possibly due to its wide coverage of important topics in modern (classical) macroeconomics.
- Thomas Sargent, Dynamic Macroeconomic Theory, Harvard University Press. Chapter 1 of the textbook provides a formal treatment of applied dynamic programing.

Additional reference articles will be mentioned in lecture note.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

   none

6. Auditing ; Allow or Not Allow

   否 Not Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO6700E
講義名[日本語(英語)] / Class Name：Advanced Econometrics I
担当者（フルネーム）/ Course instructor (Full Name)： WIE Dainn/WIE Dainn
学期・曜日・時限 / Term・Day・Period：秋前期 Fall (Session I)/月 Mon/2 月 Mon/3
単位数/ Credits：2

1. Course Description and the Learning Objectives：

Course Outline

Econometrics is a crucial methodology for economics and other social sciences. This course aims to introduce students to fundamental concepts of causal inference, Ordinary Least Squares (OLS) regression, relevant assumptions, regression diagnostics, and instrumental variable (IV) estimation. These tools are essential for analyzing data and connecting real-world observations to economic models. The course will also provide hands-on experience with STATA, a widely used statistical software in applied empirical economics. By the end of the course, students will develop the skills to quantify causal relationships between policy variables and economic outcomes, which is essential for their thesis research.

Related Diploma Policy [DP]

Policy Analysis Program [DP2]: The ability to conduct quantitative analysis using the methods of modern economics.

Policy Analysis Program [DP3]: Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists

Achievement Goals

Mastering Regression Analysis:

Students should understand OLS classical assumptions, internal and external validity threats and its implications in real life context.

Students should understand Instrumental Variable Estimation and its application in policy analysis setting.

Proficiency in STATA Software:

Students should demonstrate competence in conducting regression analysis, hypothesis testing, and generating graphical outputs using STATA commands.

2. Course Outline：

Course Contents

The main theme of the course is to delve into the understanding of Ordinary Least Squares (OLS) regression and its limitations. Through this understanding, students will explore the nuances of OLS and learn to critically evaluate its applicability in empirical analysis. Additionally, the course will provide extensions in understanding by introducing Instrumental Variable Estimation.

Week
1：Review of Statistics Hypothesis Testing
2 : Bivariate OLS
3：Multiple OLS and Violation of Classical Assumptions
4：Nonlinear Regression
5：Regression Assessment
6：Instrument Variable Estimation
7 : Heterogenous Impacts
8：Application and Review Session

Out of Class Learning for Each Class
Students are expected to read the lecture notes and relevant chapters in the textbook prior to each class to enhance their understanding of the material covered. Additionally, after class, they are encouraged to review the course materials and complete problem sets using STATA regularly to cultivate their analytical skills.

3. Grading：
There will be three assignments (20% each) and one exam (40%). The overall grade will be determined on a curve and will follow Grips assessment policy.

Problem sets and data will be posted on the course web page. You will be required to use STATA. Please submit your assignment in class on designated due date.
Please append your STATA "log" files and "do" files to your assignments.

A: Students demonstrate a high level of understanding in written form, regarding estimators, their assumptions and hypothesis testing.

B: Students exhibit a solid understanding of fundamental concepts discussed in class, and should be able to interpret regressions accordingly.

C: Students demonstrate a basic understanding of fundamental concepts in econometrics.

D: Students achieved the goal at a minimum acceptable level.

E: This category encompasses students who do not meet the criteria outlined in the previous descriptions.

4. Textbooks and References (4-1:Required 4-2:Others)

Stock J. H., and Watson, M.W., Introduction to Econometrics, Addison-Wesley, any Edition.

Lecture notes on the course web site

5. Software Used in Lectures（If not applicable, it can be left blank.）:

Stata.

6. Auditing ; Allow or Not Allow

可 Allow

7. Note：

This course is designated as a DS-related course.

Schedule Table, Fall 2024

Date	Topic	Problem Set		
		Posting	Due date	TA Session
Oct 7	Statistics & Hypothesis Testing	PS #1		
Oct 14	Bivariate OLS			PS#1 support +STATA
Oct 21	Multiple OLS		PS #1	
Oct 28	Nonlinear Regression	PS #2		PS#2 support
Nov 4	Regression Assessment		PS #2	
Nov 11	Instrument Variable	PS #3		PS#3 support
Nov 18	Heterogeneous Impacts		PS#3	Q&A Session
Nov 25	Review and Exam			

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO6820E
講義名[日本語(英語)] / Class Name：Economics of Health and Education
担当者（フルネーム）/ Course instructor (Full Name)：　山内　慎子/YAMAUCHI Chikako
学期・曜日・時限 / Term・Day・Period：秋前期 Fall (Session I)/水 Wed/2　木 Thu/2
単位数/ Credits：2

1. Course Description and the Learning Objectives：

Description

In this course, students will learn the basic skills to analyze issues related to health and education using the applied microeconomics framework. Students are assumed to have acquired basic understanding of the PhD level microeconomics and econometrics.

Students are also required to present an academic paper and criticize another paper at least once. Master's students can present in a group of up to two students, and PhD students are required to present alone. After the presentation, students are also required to submit a report on the presented paper following "the guideline for reports". It should be within three pages with 12 font, single-spacing, and reasonable margins. Master's students can work on this report together, but each student needs to submit his/her own report.

In the discussion class, first a presenter or presenters present a paper using power point slides (about 20 minutes). Next, a discussant discusses comments/criticism (no need to summarize the paper, 5 minutes). The presenter(s) then address the comments (10 minutes). After that, all the students participate in a general discussion of the paper (10 minutes). This format will allow us to have two presentations in one class. Alternatively, if the number of students is small, we can have one presentation in one class. This discussion class will take place towards the end of the course, before the final exam. You can find the papers to be presented in the list below.

Goals

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

Understand the basic theoretical frameworks such as the household production model, health production model, and collective models.

Discuss recent policy issues such as low take-up of favorable human capital investment and factors influencing the investment behavior

Read and roughly understand empirical articles investigating issues related to human capital investment by households

Related Diploma Policy

GRIPS Global Governance Program (G-cube):① ④

2. Course Outline：

Preparation and review

Students are expected to read the lecture notes assigned in the class schedule before each lecture. They are also recommended to read the assigned reading materials, specified in the "outline and reading materials" below.

Class Schedule

Week	Date	Topic / lecture notes
1	Oct. 9	Introduction
2	Oct. 10	Theoretical Frameworks 1 (Unitary Models)
3	Oct. 16	Theoretical Frameworks 1 & 2
4	Oct. 17	Theoretical Frameworks 2 (Collective Models)
5	Oct. 23	More general discussion of determinants of health and policy issues
6	Oct. 24	More general discussion of determinants of health and policy issues, Recent issues on demand for health investment behavior
7	Oct. 30	Recent issues on demand for health investment behavior
8	Oct. 31	Investment in clean hands
9	Nov. 6	Access to health facilities
10	Nov. 7	Returns to education
	Nov. 13	Cancelled
11	Make-up class (TBA)	Returns to education
12	Nov. 14	Student presentation 1
13	Nov. 20	Student presentation 2
14	Nov. 21	Student presentation 3
15	Nov. 27	Student presentation 4
16	Nov. 28	Final exam

Outline & reading materials

Introduction W1

Alain de Janvry and Elisabeth Sadoulet (2015) Development Economics: theory and Practice, Routledge, Ch.17 "Human capital"

Dupas, Pascaline, 2011, "health behavior in developing countries", Annual Review of Economics, 3, September.

Theoretical Frameworks 1 (Unitary Models) W2,3

Gary S. Becker, A Theory of the Allocation of Time, The Economic Journal, Vol. 75, No. 299 (Sep., 1965), pp. 493-517

Michael Grossman, On the Concept of Health Capital and the Demand for Health, Journal of Political Economy, Vol. 80, No. 2 (Mar. - Apr., 1972), pp. 223-255

Mark R. Rosenzweig and T. Paul Schultz, Market Opportunities, Genetic Endowments, and Intrafamily Resource Distribution: Child Survival in Rural India The American Economic Review , Sep., 1982, Vol. 72, No. 4 (Sep., 1982), pp. 803-815

Jere R. Behrman, Intrahousehold Allocation of Nutrients in Rural India: Are Boys Favored? Do Parents Exhibit Inequality Aversion? Oxford Economic Papers , Mar., 1988, New Series, Vol. 40, No. 1 (Mar., 1988), pp.32-54

Mwab, Germano, 2008, Health Economics for low-income countries, Handbook of Development Economics, Volume 4, 2007, Chapter 53, Pages 3305-3374.

Theoretical Frameworks 2 (Collective Models) W3,4

BEHRMAN, JERE R., POLLAK, ROBERT, and TAUBMAN, PAUL, 1982. Parental Preferences and Provision for Progeny. Journal of Political Economy 90:1 (February), 52-73.

McElroy and Horney, "Nash-bargained household decisions: toward a generalization of the theory of demand" International Economic Review, 22(2).

Thomas, Duncan, 1990 "Intra-household resource allocation: an inferential approach" JHR 25(4) 635-664.

Browning and Chiappori, 1998 "Efficient intra-household allocations; a general characterization and empirical tests," Econometrica, 66(6) 1241-78.

More general discussion of determinants of health and policy issues - W5, 6

Alain de Janvry and Elisabeth Sadoulet (2015) Development Economics: theory and Practice, Routledge, Ch.17 "Human capital," Health sections.

Recent issues on demand for health investment behavior W6,7

Dupas, Pascaline, 2011, "health behavior in developing countries", Annual Review of Economics, 3, September.

Investment in clean hands - W8

Kremer and Zwane, 2007, Cost-Effective Prevention of Diarrheal Diseases: A Critical Review

Kesler and Zhang, Behavioral Economics and Health in Oxford Textbook of Public Health 6th ed. Sec 6.7, edited by Roger Detels, Martin Gulliford, Quarraisha Abdool Karim, and Chorh Chuan Tan

Bennett et al., 2018, LEARNING, HYGIENE AND TRADITIONAL MEDICINE, Economic Record.

Tidwell, et al., 2019, Effect of Two Complementary Mass-Scale Media Interventions on Handwashing with Soap among Mothers, Journal of Health Communication.

Access to health facilities W9

Buchmueller, T. C., Jacobson, M., and Wold, C. (2006). How far to the hospital?: The effect of hospital closures on access to care. Journal of Health Economics, 25(4):740 -761.

Elizabeth Ty Wilde, Health Economics, Volume 22, Issue 7, pages 790806, July 2013, DO EMERGENCY MEDICAL SYSTEM RESPONSE TIMES MATTER FOR HEALTH OUTCOMES?

Lu, Y. and Slusky, D. J. G. (2016). The impact of womens health clinic closures on preventive care. American Economic Journal: Applied Economics, 8(3):100124.

Avdic, D. (2016). Improving effciency or impairing access? health care consolidation and quality of care: Evidence from emergency hospital closures in Sweden. Journal of Health Economics, 48:44-60.

Rosenzweig, M. R. and Wolpin, K. I. (1982). Governmental interventions and household behavior in a developing country: Anticipating the unanticipated consequences of social programs. Journal of Development Economics, 10(2):209-225.

Manang and Yamauchi, 2020, Economic Development and Cultural Change, The impact of access to health facilities on maternal care use, travel patterns and health status: Evidence from longitudinal data from Uganda, https://doi.org/10.1086/702794

Returns to education W10, 11

David Card, 1999, THE CAUSAL EFFECT OF EDUCATION ON EARNINGS, in Handbook of Labor Economics, Volume 3, Edited by O. Ashenfelter and D. Card, Chapter 30.

Duflo, E. (2001). Schooling and Labor Market Consequences of School Construction in Indonesia: Evidence From an Unusual Policy Experiment. American Economic Review, 91(4), 795813.

Mazumder, B. (2008). Does Education Improve Health? A Reexamination of the Evidence from Compulsory Schooling Laws. Economic Perspectives, 32(2), 216.

Stephens, M. J., & Yang, D.-Y. (2014). Compulsory Education and the Benefits of Schooling. The American Economic Review, 104(6), 17771792.

Fee abolition

Osili, U. O., & Long, B. T. (2008). Does Female Schooling Reduce Fertility? Evidence from

Nigeria. Journal of Development Economics, 87(1), 5775.

Keats, A. (2018). Women's Schooling, Fertility, and Child Health Outcomes: Evidence From Uganda's Free Primary Education Program. Journal of Development Economics, 135, 142159

Entrance exam threshold

Ozier, O. (2018). The Impact of Secondary Schooling in Kenya: A Regression Discontinuity Analysis. Journal of Human Resources, 53(1), 157188.Keats

Week 12: Student presentation 1
Week 13: Student presentation 2
Week 14: Student presentation 3
Week 15: Student presentation 4
Week 16: Final exam

Examples of papers to be presented by students (to be added more if necessary)

Dammert, et al., 2014, Preventing dengue through mobile phones: Evidence from a field experiment in Peru, Journal of Health Economics

Jalan and Somanathan, 2008, The importance of being informed: Experimental evidence on demand for environmental quality, JDE Volume 87, Issue 1, August 2008, Pages 14-28.

Madajewics, et al., 2007, Can information alone change behavior? Response to arsenic contamination of groundwater in Bangladesh, Journal of Development Economics.

Jensen and Oster, 2009, THE POWER OF TV: CABLE TELEVISION AND WOMENS STATUS IN INDIA, Quarterly Journal of Economics,

Osili, U. O., & Long, B. T. (2008). Does Female Schooling Reduce Fertility? Evidence from Nigeria. Journal of Development Economics, 87(1), 5775.

Keats, A. (2018). Women's Schooling, Fertility, and Child Health Outcomes: Evidence From Uganda's Free Primary Education Program. Journal of Development Economics, 135, 142159

Ozier, O. (2018). The Impact of Secondary Schooling in Kenya: A Regression Discontinuity Analysis. Journal of Human Resources, 53(1), 157188.

Zachary Wagner, John Bosco Asiimwe, David I.Levine, 2020, When financial incentives backfire:Evidence from a community healthworker experiment in Uganda, JDE 144, 102437

3. Grading：

Evaluation

In-class presentation 20%

In-class discussion 5%

Report 25%
Final exam 50%

Grades
A: Exhibit an outstanding level of understanding of the theoretical frameworks, policy issues and empirical methodology.
B: Exhibit a good level of understanding of the theoretical frameworks, policy issues and empirical methodology.
C: Exhibit a basic level of understanding of the theoretical frameworks, policy issues and empirical methodology.
D: Exhibit a minimum level of understanding of the theoretical frameworks, policy issues and empirical methodology.
E: Fail to exhibit a minimum level of understanding of the theoretical frameworks, policy issues and empirical methodology.

4. Textbooks and References (4-1:Required 4-2:Others)
Textbooks
There is no specific textbook for the entire course. Relevant reading materials are assigned for each lecture.

For those who would like to review the basics of the optimization theory, the following might be useful:

Microeconomic Theory: Basic Principles and Extensions
Walter Nicholson and Christopher Snyder, 2016
Ch.2 Mathematics for Microeconomics

5. Software Used in Lectures（If not applicable, it can be left blank.）:

6. Auditing ; Allow or Not Allow
可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7010E
講義名[日本語(英語)] / Class Name：Graduate Seminar I
担当者（フルネーム）/ Course instructor (Full Name)： LITSCHIG Stephan, 山﨑　晃生, 泉　佑太朗, 後藤　潤/LITSCHIG Stephan, YAMAZAKI Akio, IZUMI Yutaro and GOTO Jun
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/5
単位数/ Credits：4

1. Course Description and the Learning Objectives：

   This is a required seminar course for Policy Analysis students who passed at least one subject of the Basic Qualifying Exam (Microeconomics, Macroeconomics, and/or Econometrics).

   The purpose of this course is to help prepare Ph.D. students to conduct economics research for your dissertations. We will do this by inviting outside speakers to describe their own research, in order to provide you with a framework for developing and presenting your own research ideas. You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage. We will also provide you with advanced notice by email about our meeting days.

   [Related Diploma Policy]
   Policy Analysis Program (PA) Diploma Policy3
   Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists.

2. Course Outline：

   You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage. We will also provide you with advanced notice by email about our meeting days.

   [Out-of-class Learning]
   Most your time studying for this course will be out-of-class. First, you need to find a broad research area you are interested in and then identify a specific research question. You may have to learn new methodologies in order to answer that question. Most importantly, you need to be explicit about why this question is important and how your study will contribute to existing literature.

3. Grading：

   The course will be graded on a pass/fail basis. The requirements for passing the course include:

   (1) Attendance: You need to attend at least 6 seminars with external speakers and all work-in-progress presentations by your fellow students.

(2) Work-in-progress presentation: You need to give a short presentation followed by comments and discussion (total about 30 minutes).

(3) External speaker proposal: You need to propose at least two speakers you would like to have in the next term.

(4) Paper Assignment: Students enrolled in Graduate Seminar I have a paper assignment. As a first step, each student should meet with the Program Director to agree a title and research question for the paper in the early weeks of the term. The deadline for submission (to Program Coordinator) will be the first Monday of August for students taking the Graduate Seminar I in Spring and the first Monday of February for students taking the Graduate Seminar I in the Fall term. (This requirement does not apply to Graduate Seminar III students.) There is no formal word limit to the policy paper, but it should normally be 4-5,000 words or 10-15 pages of A4. This assignment is to provide you with a goal to keep you moving along toward finding a dissertation topic. Your dissertation topic may not yet be well developed, and in this case you can focus more on background and literature review in your paper. If your topic is more developed, you may wish to focus more on your methodology and even some preliminary results. This paper may be used as a basis for writing your dissertation. For those of you who do not yet hold an MA degree from GRIPS, this paper will also serve as your policy proposal paper for the MA degree.

Originality. The policy paper should not be a piece of work that you have previously submitted at GRIPS or elsewhere for assessment. However you are welcome to build on assignments and on the research proposal that you submitted to GRIPS as part of your admissions application. As usual with written work, you should be careful to avoid plagiarism. The policy paper may be put through plagiarism detection software as part of the assessment process.

Assessment. The policy paper is assessed as a pass or a fail. It will usually be graded by your potential advisor, who will pass a report to the PA program director. If there are significant problems with the paper, you may be asked to redraft some or all sections. The most common areas of weakness are:

Vague or overly general research question.

Failure to have considered the existing literature properly.

Wishful thinking on data sources, particularly when new data collection might be involved or where the relevant data set is unobtainable without payment or the time series is short.

Basic guideline. A paper should include the following:

A clear research question.

Motivation for the relevance, novelty and importance of the research question.

A thorough literature review, in order to show how your proposal will extend the existing body of research.

A detailed discussion of data sources. Where the data is not available you will also need to set out how you will obtain it, the time it will take to do fieldwork and how the work will be funded.

A discussion of your empirical strategy (e.g. issues of identification, the model you will use for estimation or calibration etc.) Note that it is more important that you discuss important challenges rather than the details of a specific model.

A discussion of potential problems and extensions.

Cited references on a separate page at the end. You should cite in one of the standard styles used in economic journals, such as the Chicago or Harvard style

4. Textbooks and References (4-1:Required 4-2:Others)

   None.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

   None.

6. Auditing ; Allow or Not Allow

   可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7020E
講義名[日本語(英語)] / Class Name：Graduate Seminar II
担当者（フルネーム）/ Course instructor (Full Name)： LITSCHIG Stephan, 山﨑　晃生, 泉　佑太朗, 後藤　潤/LITSCHIG Stephan, YAMAZAKI Akio, IZUMI Yutaro and GOTO Jun
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/5
単位数/ Credits：4

1. Course Description and the Learning Objectives：

   This is a required seminar course for Policy Analysis students who passed at least one subject of the Basic Qualifying Exam (Microeconomics, Macroeconomics, and/or Econometrics). Other students, such as Ph.D. students in the Public Policy program, or Policy Analysis students who have not yet passed a Qualifying Exam, are welcome to attend, but such students will not receive credit.

   The purpose of this course is to help prepare Ph.D. students to conduct economics research for your dissertations. We will do this by inviting outside speakers to describe their own research, by discussing research methods, and by having students present their own research progress.

   You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage. We will also provide you with advanced notice by email about our meeting days.

   [Related Diploma Policy]
   Policy Analysis Program (PA) Diploma Policy3
   Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists.

2. Course Outline：

   You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage. We will also provide you with advanced notice by email about our meeting days.

   [Out-of-class Learning]
   Most your time studying for this course will be out-of-class. First, you need to find a broad research area you are interested in and then identify a specific research question. You may have to learn new methodologies in order to answer that question. Most importantly, you need to be explicit about why this question is important and how your study will contribute to existing literature.

3. Grading：

   The course will be graded on a pass/fail basis. The requirements for passing the course include:

(1) Attendance: You need to attend at least 6 seminars with external speakers and all work-in-progress presentations by your fellow students.

(2) Work-in-progress presentation: You need to give a short presentation followed by comments and discussion (total about 30 minutes).

(3) External speaker proposal: You need to propose at least two speakers you would like to have in the next term.

(4) Comments/discussion of external presentation: You need to give comments during or after a presentation by an external speaker of your choice.

4. Textbooks and References (4-1:Required 4-2:Others)

   None.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

   None.

6. Auditing ; Allow or Not Allow

   可 Allow

7. Note：

開講年度（2024.4 月-2025.3 月）/ Academic Year: (April 2024 - March 2025)

科目番号 / Course Number：ECO7021J

講義名[日本語(英語)] / Class Name：政府と市場（Government and Market）

担当者（フルネーム）/ Course instructor (Full Name)：HOSOE Nobuhiro

学期・曜日・時限 / Term・Day・Period：Fall 秋／Thu 木／2

単位数/ Credits：2

１．本授業の概要及び到達目標：

1.1　目的-あなたの知っている経済学で何が説明できるか・できないか

本講義の目的は 2 つである。

1 つ目は、学生がミクロ経済学 I(ECO1000J)・同 II(ECO1010J)によって修得した経済学の手法を用いて、われわれが日々目にする大小の社会・経済的問題を経済学的視点から分析し、その解決策を提示できるように訓練を行う、一種の経済政策の科目としてである。

ミクロ経済学 I・II では、まず分析手法が解説され、つぎにそれを用いた分析例や応用例が提示されてきた。ここでは、それぞれの社会・経済現象に対して、どのような手法を適用して考察するべきか、あるいは、そのほかの分析方法はないのかといった視点で検討する訓練を行い、経済学的考え方に関する理解と応用力を高め、一方で、その限界に関する 理解を深める。前者はいわば数学の計算問題にあたり、ここで行われるものは文章題にあたると考えればよい。

2 つ目は、学生が自分の考えを、よりよく相手に伝える方法(プレゼンテーション等)を学び実践できるようにすることにある。書籍や論文を読んで自分が理解することと、その内容を他人に理解させることは、まったく異なる事柄である。ここでは、上で書いたように、経済学の本の中の短い 1 章、あるいは、執筆途中の自らの論文を題材にし、その内容を聴衆に伝える方法、聴衆がそれを聴いて(広い意味で知的に)楽しむことができるようにすることができる方法を学ぶ。

1 .2　講義形式と履修要件

報告担当者・グループが下記の文献、または、自らが執筆中の論文(ポリシー・ペーパー 等)を参考にして、その内容を全員に理解できるように解説するゼミ形式で行う。

解説の内容としては、概要、重要または各自が興味を持った箇所の解説、ほかの出席者 が一読しただけではわからないであろう箇所の説明、(ほかの出席者に訊いてみたい、助けを求めたい)報告者自身の疑問・質問、日本の社会・経済、あるいは、各自の興味ある分野 に照らしたときの示唆といった事柄を含むことになるであろう。担当箇所のすべてをカバーする必要はないし、実際、メリハリ無く平板にすべてをなぞるだけでは出席者は満足しないであろう。報告者以外も、よい質問を通じた講義への貢献のために該当箇所を一読し ておくべきことは言うまでもない。

なお、ミクロ経済学 I・II、ないし、同様の科目で講じられる経済学の知識があることが 望ましいが、それらの単位取得がなされていなくても受講することは可能である。ミクロ経済学(等の経済学の講義)を履修して、それがどのように役に立つのかについて関心があるとより有益な講義になるであろう。また、経済問題以外に対しても経済学的アプローチを使って分析する方法を知る機会にもなり得る。

この講義は、SDGs の目標 8(経済成長), 9(産業と技術),11(都市と住宅)等に関連する。

【関連するディプロマポリシー(DP)】

科学技術イノベーション政策(博士): DP(2)公共政策に係る幅広い知識を持ち、それらの文脈の中で科学技術イノベーション政策をとらえ、多角的な視野から分析ができる能力

【到達目標】

学生が到達すべき目標は以下の通り。

(1)社会・経済問題をミクロ経済学等の経済学的な考え方を利用して分析することができるようになる。

(2)経済学や関連分野に関する学術的な分析内容(手法や結果)について、専門的知識や背景事情に関する知

識を一定程度持つ人がよりよく理解できるように伝える技術を習得する。
(3)経済学や関連分野に関する学術的な分析内容(手法や結果)について、専門的知識を必ずしも持たない人が一定程度理解できるように伝える技術を習得する。

２．各授業のテーマ：

本講義で解説されるモデルの内容と毎週のスケジュールは以下の通りである。

2.1 講義解説: 『20 歳の時に知っておきたかったこと』
講義の解説を行い次回以降の報告担当者を決める。報告担当箇所は、可能な限り各自が(先 着順等で)志願した箇所になるようにする予定。最後に質疑と、頭の準備体操をする。
2.2 初級編: 『経済学で現代社会を読む』
社会・経済問題に関してどのように経済学的な切り口を与えることができるかを、最も 標準的な形で学ぶ。本書後半に各章の解説編がついているので(ただし、最新の改訂新版に はこれがないので本講義には不適)これを参考に議論をすることができる。
2.3 中級編: 『ヤバい経済学: 悪ガキ教授が世の裏側を探検する』
ここで示される経済学的分析手法としては、ミラーほか(1995)中の経済モデルのように うまく「型にはめた」ものは少ないが、経済学的な考え方(直感)をどのように適用するべきか、それによってどのように「通念」に挑戦するかを学ぶことができるであろう。くわえて、(数学的要素の少ない)簡便な方法で問題に答える方法についても示唆を与える。
2.4 上級編: 『フリーからお金を生み出す新戦略』
一種の IT ビジネス書である一方、経済学的な考え方の有効性とそれに関する各自の理解度を試すよい機会を提供している。Web・デジタル化を通じた「無料」サービスが本当に無料なのか、なぜ可能になるのか、(これまでに学んだ)経済学でこれを説明できるか等、考える課題に事欠かない。

第 1 回において講義内容の説明を行なう。
その後、参加者がどの文献・章を担当するかを決める。
各回において担当箇所の報告(要領は上記)を行い、それに関する質疑・討議を行う。
必要に応じて追加的に参照すべき文献や事例等の指示を行う。それに対する報告を次回(以降)に行って報告を完了させる。

【授業外学修】
あらかじめ、提示された文献について大まかに目を通して、各自が担当したいものについて検討しておく。報告スケジュールが決まったら、各回で用いられる文献・章を精読する。報告者は効果的なプレゼンテーションを目指してパワーポイント・スライドなどを作成する。報告担当者以外は文献とスライドを参考に、よい質問をするために質疑すべき点を洗い出す。報告会終了後は、そこで出された課題(追加的参照文献や、調査事項)について同様の活動を行う。また、教材で触れられた事例と類似する事例について、自分の身の回りにある事例について調べ、教材で紹介されたような経済学的分析手法の妥当性について吟味してみる。

３．成績の評価方法：

講義における貢献で評価する。各自の報告内容を中心に、ほかの報告者による報告内容を補足したり不明点をあぶり出したりする質問等によって、出席者全員の理解と学問的満足度を高める貢献を高く評価する。

【成績評価基準】
A: 到達目標を高い水準で達成している
B: 到達目標を満足できる水準で達成している
C: 到達目標を概ね達成している
D: 到達目標を最低限の水準で達成している
E: 到達目標を達成していない

４．テキスト、参考文献等：(4-1:必携のテキスト　4-2:その他)

４-１ 必携のテキスト等

・本講義を履修することを検討している場合には、夏学期の間に以下の 3 つの教科書にあらかじめ目を通しておくとよいであろう。これらの教科書中の 1 章ないし数章-履修者数 に依る-ずつを出席者が報告する。(最終的にこれらのすべての章をカバーしようという意図はない。)

ミラー, R. L. ほか(1995)『経済学で現代社会を読む』, 日本経済新聞社. (改訂新版 2010) ではない方)

レヴィット, S. D., ダブナー, S. J.(2007)『ヤバい経済学: 悪ガキ教授が世の裏側を探検する』, 増補改訂版, 東洋経済新報社.

アンダーソン, C. (2009)『フリーからお金を生み出す新戦略』, 日本放送出版協会.

Miller, R. L. et al. (2013) The Economics of Public Issues, Pearson.
Levitt, S. D., Dubner, S. J. (2009) Freakonomics, Harper.
Anderson, C. (2009) Free: The Future of a Radical Price, Hyperion.

４ -２ その他

・本講義には直接役立つわけではないが、第 1 章だけでも GRIPS にいる間に読んでおく(頭の準備体操)
シーリグ, T. (2010)『20 歳の時に知っておきたかったこと』, 阪急コミュニケーションズ. Seelig, T. (2009) What I Wish I Knew When I Was 20, Harparone.
・ミクロ経済学 I(ECO100J)・同 II(ECO101J)の教科書 八田達夫(2008)『ミクロ経済学 I』, 東洋経済新報社. 八田達夫(2009)『ミクロ経済学 II』, 東洋経済新報社.

５．講義で使用するソフトウェア（特にない場合は空欄でも可）：

６．聴講の可否
可

７．履修上の注意：

教科書の内容を理解することも意義があるが、それ以上に、自分が見聞き・知悉している内容をうまく伝える技術を体得するための訓練の場所でもある。受講者の希望、時間的余裕次第では、教科書の内容に限らず、追加的に、各自の執筆中の論文の内容に関連した事柄を報告する、中間報告、最終報告の練習をすること、また、オーディエンスとしても、ほかの学生によるプレゼンテーションからどのような方法が効果的かを学びつつ、報告者の口頭報告を改善するためによいコメントをする方法を学ぶことも有益である。履修登録をしない聴講は可能であるが、その場合であっても、ほかの履修登録者と同等の講義への貢献が求められる。単位修得を目的としない聴講も可能であるが、受講生と同様の貢献を必要とする。

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7030E
講義名[日本語(英語)] / Class Name：Graduate Seminar III
担当者（フルネーム）/ Course instructor (Full Name)： LITSCHIG Stephan, 山﨑　晃生, 泉　佑太朗, 後藤　潤/LITSCHIG Stephan, YAMAZAKI Akio, IZUMI Yutaro and GOTO Jun
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/5
単位数/ Credits：4

1. Course Description and the Learning Objectives：

   This is a required seminar course for Policy Analysis students who passed at least one subject of the Basic Qualifying Exam (Microeconomics, Macroeconomics, and/or Econometrics). Other students, such as Ph.D. students in the Public Policy program, or Policy Analysis students who have not yet passed a Qualifying Exam, are welcome to attend.

   [Course Goals]
   Students will learn how to
   1) conduct their own research for their dissertation,
   2) critically and constructively assess research presented by external speakers and fellow students.

   [Related Diploma Policy]
   Policy Analysis Program (PA)　Diploma Policy3
   Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists.

2. Course Outline：

   You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage. We will also provide you with advanced notice by email about our meeting days.

   [Out-of-class Learning]
   Most your time studying for this course will be out-of-class. First, you need to find a broad research area you are interested in and then identify a specific research question. You may have to learn new methodologies in order to answer that question. Most importantly, you need to be explicit about why this question is important and how your study will contribute to existing literature.

3. Grading：

   The course will be graded on a pass/fail basis. The requirements for passing the course include:

   (1) Attendance: You need to attend at least 6 seminars with external speakers and all work-in-progress presentations by your fellow students.

(2) Work-in-progress presentation: You need to give a short presentation followed by comments and discussion (total about 30 minutes).

(3) External speaker proposal: You need to propose at least two speakers you would like to have in the next term.

(4) Comments/discussion of external presentation: You need to give comments during or after a presentation by an external speaker of your choice.

4. Textbooks and References (4-1:Required 4-2:Others)

   None.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

   None.

6. Auditing ; Allow or Not Allow

   可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7040E
講義名[日本語(英語)] / Class Name：Graduate Seminar IV
担当者（フルネーム）/ Course instructor (Full Name)： LITSCHIG Stephan, 山﨑　晃生, 泉　佑太朗, 後藤　潤/LITSCHIG Stephan, YAMAZAKI Akio, IZUMI Yutaro and GOTO Jun
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/5
単位数/ Credits：4

1. Course Description and the Learning Objectives：

This is an elective course following the same format as the required Graduate Seminars I, II and III..

[Course Goals]
Students will learn how to
1) conduct their own research for their dissertation,
2) critically and constructively assess research presented by external speakers and fellow students.

[Related Diploma Policy]
Policy Analysis Program (PA)　Diploma Policy3
Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists.

2. Course Outline：

You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage.　We will also provide you with advanced notice by email about our meeting days.

[Out-of-class Learning]
Most your time studying for this course will be out-of-class. First, you need to find a broad research area you are interested in and then identify a specific research question. You may have to learn new methodologies in order to answer that question. Most importantly, you need to be explicit about why this question is important and how your study will contribute to existing literature.

3. Grading：

The course will be graded on a pass/fail basis.　The requirements for passing the course include:

(1) Attendance: You need to attend at least 6 seminars with external speakers and all work-in-progress presentations by your fellow students.

(2) Work-in-progress presentation: You need to give a short presentation followed by comments and discussion (total about 30 minutes).

(3) External speaker proposal: You need to propose at least two speakers you would like to have in the next term.

(4) Comments/discussion of external presentation: You need to give comments during or after a presentation by an external speaker of your choice.

4. Textbooks and References (4-1:Required 4-2:Others)
   None.

5. Software Used in Lectures（If not applicable, it can be left blank.）:
   None.

6. Auditing ; Allow or Not Allow
   可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7050E
講義名[日本語(英語)] / Class Name：Graduate Seminar V
担当者（フルネーム）/ Course instructor (Full Name)： LITSCHIG Stephan, 山﨑　晃生, 泉　佑太朗, 後藤　潤/LITSCHIG Stephan, YAMAZAKI Akio, IZUMI Yutaro and GOTO Jun
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/5
単位数/ Credits：4

1. Course Description and the Learning Objectives：

This is an elective course following the same format as the required Graduate Seminars I, II and III..

[Course Goals]
Students will learn how to
1) conduct their own research for their dissertation,
2) critically and constructively assess research presented by external speakers and fellow students.

[Related Diploma Policy]
Policy Analysis Program (PA)　Diploma Policy3
Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists.

2. Course Outline：

You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage.　We will also provide you with advanced notice by email about our meeting days.

[Out-of-class Learning]
Most your time studying for this course will be out-of-class. First, you need to find a broad research area you are interested in and then identify a specific research question. You may have to learn new methodologies in order to answer that question. Most importantly, you need to be explicit about why this question is important and how your study will contribute to existing literature.

3. Grading：

The course will be graded on a pass/fail basis.　The requirements for passing the course include:

(1) Attendance: You need to attend at least 6 seminars with external speakers and all work-in-progress presentations by your fellow students.

(2) Work-in-progress presentation: You need to give a short presentation followed by comments and discussion (total about 30 minutes).

(3) External speaker proposal: You need to propose at least two speakers you would like to have in the next term.

(4) Comments/discussion of external presentation: You need to give comments during or after a presentation by an external speaker of your choice.

4. Textbooks and References (4-1:Required 4-2:Others)
   None.

5. Software Used in Lectures（If not applicable, it can be left blank.）:
   None.

6. Auditing ; Allow or Not Allow
   可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7060E
講義名[日本語(英語)] / Class Name：Graduate Seminar VI
担当者（フルネーム）/ Course instructor (Full Name)： LITSCHIG Stephan, 山﨑　晃生, 泉　佑太朗, 後藤　潤/LITSCHIG Stephan, YAMAZAKI Akio, IZUMI Yutaro and GOTO Jun
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/5
単位数/ Credits：4

1. Course Description and the Learning Objectives：
   This is an elective course following the same format as the required Graduate Seminars I, II and III..

   [Course Goals]
   Students will learn how to
   1) conduct their own research for their dissertation,
   2) critically and constructively assess research presented by external speakers and fellow students.

   [Related Diploma Policy]
   Policy Analysis Program (PA)　Diploma Policy3
   Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists.

2. Course Outline：
   You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage.　We will also provide you with advanced notice by email about our meeting days.

   [Out-of-class Learning]
   Most your time studying for this course will be out-of-class. First, you need to find a broad research area you are interested in and then identify a specific research question. You may have to learn new methodologies in order to answer that question. Most importantly, you need to be explicit about why this question is important and how your study will contribute to existing literature.

3. Grading：
   The course will be graded on a pass/fail basis.　The requirements for passing the course include:

   (1) Attendance: You need to attend at least 6 seminars with external speakers and all work-in-progress presentations by your fellow students.

   (2) Work-in-progress presentation: You need to give a short presentation followed by comments and discussion (total about 30 minutes).

(3) External speaker proposal: You need to propose at least two speakers you would like to have in the next term.

(4) Comments/discussion of external presentation: You need to give comments during or after a presentation by an external speaker of your choice.

4. Textbooks and References (4-1:Required 4-2:Others)
   None.

5. Software Used in Lectures（If not applicable, it can be left blank.）:
   None.

6. Auditing ; Allow or Not Allow
   可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7070E
講義名[日本語(英語)] / Class Name：Graduate Seminar VII
担当者（フルネーム）/ Course instructor (Full Name)： LITSCHIG Stephan, 山﨑　晃生, 泉　佑太朗, 後藤　潤/LITSCHIG Stephan, YAMAZAKI Akio, IZUMI Yutaro and GOTO Jun
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/5
単位数/ Credits：4

1. Course Description and the Learning Objectives：

This is an elective course following the same format as the required Graduate Seminars I, II and III..

[Course Goals]
Students will learn how to
1) conduct their own research for their dissertation,
2) critically and constructively assess research presented by external speakers and fellow students.

[Related Diploma Policy]
Policy Analysis Program (PA)　Diploma Policy3
Critical evaluation. The ability to summarize and critically assess frontier research produced by professional economists and other social scientists.

2. Course Outline：

You can keep posted on the most update schedule of the classes / seminars by visiting the class webpage.　We will also provide you with advanced notice by email about our meeting days.

[Out-of-class Learning]
Most your time studying for this course will be out-of-class. First, you need to find a broad research area you are interested in and then identify a specific research question. You may have to learn new methodologies in order to answer that question. Most importantly, you need to be explicit about why this question is important and how your study will contribute to existing literature.

3. Grading：

The course will be graded on a pass/fail basis.　The requirements for passing the course include:

(1) Attendance: You need to attend at least 6 seminars with external speakers and all work-in-progress presentations by your fellow students.

(2) Work-in-progress presentation: You need to give a short presentation followed by comments and discussion (total about 30 minutes).

(3) External speaker proposal: You need to propose at least two speakers you would like to have in the next term.

(4) Comments/discussion of external presentation: You need to give comments during or after a presentation by an external speaker of your choice.

4. Textbooks and References (4-1:Required 4-2:Others)
   None.

5. Software Used in Lectures（If not applicable, it can be left blank.）：
   None.

6. Auditing ; Allow or Not Allow
   可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7721EA
講義名[日本語(英語)] / Class Name：Introduction to Applied Econometrics (Advanced)
担当者（フルネーム）/ Course instructor (Full Name)： WIE Dainn/WIE Dainn
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/3
単位数/ Credits：2

1. Course Description and the Learning Objectives：

1 Course Outline

Econometrics is the useful methodology of economics and other social studies. This course aims to introduce students to multiple regression and related methods to analyze data and connect data from the real world to economic models. We start by learning linear regression model which is widely used tool for economists. Additionally, we will study methods for panel data analysis, instrumental variables regression, and program evaluation. This course focuses on developing practical methodology and applying them to real data using STATA. The mathematics of econometrics will be introduced only as needed and will not be a central focus. Throughout the course, students will develop the ability to quantify causal relationship between policy variables and economic outcomes-knowledge essential for the EBPM (Evidence-Based Policy Making).

Related Diploma Policy [DP]

Science,Technology and Innovation Policy Program (STI) Doctoral[DP2]: Have a wide range of knowledge on public policies, and the ability to understand science, technology, and innovation policies within this context and analyze them from a multifaceted perspective

2 Achievement Goals

Mastering Regression Analysis:

Students should understand how to apply various models to estimate unbiased estimates of policy impacts.

Students should understand OLS classical assumptions, internal and external validity threats and its implications in real life context.

Students should understand Panel and Instrumental Variable Estimation and its application in policy analysis setting.

Proficiency in STATA Software:

Students should gain practical skills in using STATA software for data management, analysis, and visualization.

Students should demonstrate competence in conducting regression analysis, hypothesis testing, and generating graphical outputs using STATA commands.

2. Course Outline：

Course Contents

The main theme of the course is to delve into the understanding of Ordinary Least Squares (OLS) regression and its limitations. Through this understanding, students will explore the nuances of OLS and learn to critically evaluate its applicability in empirical analysis. Additionally, the course will provide extensions in understanding by introducing techniques such as Panel Data Analysis and Instrumental Variable Estimation.

Week

1：Review of Probability Theory and Overview
2 : Review of Statistics and Hypothesis Testing
3：Linear Regression + STATA Session
4：Violation of Classical Assumptions
5：Multiple Regression
6：Nonlinear Regression
7 : Regression Assessment
8：Interpretation of Regression Tables
9：Panel Data 1
10：Panel Data 2
11：Instrumental Variable 1
12：Instrumental Variable 2
13：Difference-in-differences 1
14 : Difference-in-differences 2
15：Various Examples and Applications

Out of Class Learning for Each Class:

Students are expected to read the assigned chapters in the textbook prior to each class to enhance their understanding of the material covered. Additionally, after class, they are encouraged to review the course materials and complete problem sets using STATA regularly to cultivate their analytical skills.

Week	Date	Topic	Problem Set		
			Posting	Due date	TA Session
1	Oct 9	Probability Theory	PS #1		
2	Oct 16	Statistics+Hypothesis+STATA			PS#1 support +STATA
3	Oct 23	OLS			
4	Oct 30	Multiple Regression+Joint	PS #2	PS #1	

		hypothesis testing			
5	Nov 6	Violation of Classical Assumptions			
6	Nov 13	Non-linear			PS#2 support
7	Nov 20	Internal Validity Threat		PS#2	Past exam review+QA
8	Nov 27	Review and Application			
9	Dec 4	Panel Data (1)	PS #3		
10	Dec 11	Panel Data (2)			PS#3 support
11	Dec 18	Instrumental Variable (1)		PS#3	
12	Dec 25	Instrumental Variable (2)	PS$4		
13	Jan 8	Difference-in-Differences (1)			PS#4 support
14	Jan 15	Difference-in-Differences (2)		PS#4	
15	Jan 22	Application Examples			Past exam review+QA
	Jan 29	Final Exam			

3. Grading：

There will be four assignments (10% each) and two exams (30% each). The overall grade will be determined on a curve and will follow Grips assessment policy.

Assignments

Problem sets and data will be posted on the course web page. You will be required to use STATA. Please submit your assignment in class on designated due date. Students are welcome to work in groups on their problem sets, but each student must write up his or her answers separately. The maximum group size is 3. Please list the names of those with whom you worked on your assignments. Please append your STATA "log" files and "do" files to your assignments.

A: Students demonstrate a high level of understanding in written form, regarding estimators and their assumptions. Students should show how to apply knowledge learned in class to interpret and discuss regression tables in actual policy analysis context.

B: Students exhibit a solid understanding of fundamental concepts discussed in class, and should be able to interpret regression tables accordingly.

C: Students demonstrate a basic understanding of fundamental concepts in introduction to applied econometrics class.

D: Students achieved the goal at a minimum acceptable level.

E: This category encompasses students who do not meet the criteria outlined in the previous descriptions.

4. Textbooks and References (4-1:Required 4-2:Others)

Stock J. H., and Watson, M.W., Introduction to Econometrics, Addison-Wesley, any Edition.

Lecture Notes (PPT) on the course web site

Useful Online Resources for STATA:

STATA Website: http://www.stata.com/

UCLA Institute for Digital Research & Education

https://stats.idre.ucla.edu/stata/

5. Software Used in Lectures（If not applicable, it can be left blank.）:

STATA will be used in classes.

6. Auditing ; Allow or Not Allow

可 Allow

7. Note：

Future Recommendations

1. Future Readings

You may find it useful to read other textbooks after you take this course. These textbooks will not be used in the course, but provide ample treatments of topics we cover in class:

1) Wooldridge, J.M., Introductory Econometrics, Southwestern College Publishing.

2) Angrist, J., and Pischke, J.S., Mostly Harmless Econometrics: An Empiricist's Companion, Princeton University Press.

2. Future Courses (Strongly recommended)

1) Selected Topics in Policy Studies (Introduction to Policy Evaluation) (Winter): for someone who wants to further develop their micro-econometrics knowledge

2) Applied Time Series Analysis for Macroeconomics (Winter): for someone who wants to further develop their macro-econometrics knowledge.

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO7721EB
講義名[日本語(英語)] / Class Name：Introduction to Applied Econometrics (Advanced)
担当者（フルネーム）/ Course instructor (Full Name)： 泉　佑太朗/IZUMI Yutaro
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/水 Wed/2
単位数/ Credits：2

1. Course Description and the Learning Objectives：

Econometrics is a tool commonly used in economics and other social sciences to analyze real-world data. This course introduces basic econometric techniques to equip students with the knowledge and practical skills necessary to comprehend empirical research papers and to plan and execute their own empirical research.

[Learning Objectives]
Understand the basic concepts in econometrics
Use statistical software (Stata) to conduct original empirical research
Critically evaluate empirical research papers with econometric analysis

2. Course Outline：

Review of probability theory and statistics
Introduction to Stata
Randomized experiments
Regression
Panel data methods
Difference-in-differences
Instrumental variables
(Subject to change)
[Out-of-class study]
Students are expected to review the lecture materials after each session and also work on the problem sets.

3. Grading：

Problem sets (30%)
Midterm exam (30%)
Final exam (40%)
The overall grade will be determined on a curve and will follow the GRIPS assessment policy.
The problem sets include theoretical questions and data analysis questions using Stata.
[Grading Criteria]
A : Achieved the goal at a high level
B : Achieved the goal at a satisfactory level
C : Achieved the goal at a generally acceptable level

D : Achieved the goal at a minimum acceptable level

E : Did not achieve the goal

4. Textbooks and References (4-1:Required 4-2:Others)

4.1

Stock, J.H. and M.W. Watson, Introduction to Econometrics, Pearson Education

4.2

Angrist, J.D. and J.S. Pischke, Mastering Metrics: The Path from Cause to Effect, Princeton University Press

Wooldridge, J.M., Introductory Econometrics, Southwestern College Publishing.

5. Software Used in Lectures（If not applicable, it can be left blank.）:

In this course, Stata will be used as a primary statistical software tool. A brief tutorial session on Stata will be conducted to familiarize students with its functionalities. For students enrolled at GRIPS, access to Stata is provided at no cost.

6. Auditing ; Allow or Not Allow

可 Allow

7. Note：

Academic Year: (April 2024 - March 2025)
科目番号 / Course Number：ECO8001E
講義名[日本語(英語)] / Class Name：Mathematics for Economic Analysis (Advanced)
担当者（フルネーム）/ Course instructor (Full Name)： MUNRO Alistair/MUNRO Alistair
学期・曜日・時限 / Term・Day・Period：秋学期 Fall/火 Tue/5
単位数/ Credits：2

1. Course Description and the Learning Objectives：

This is a course in mathematics for Economics students. The main aim is to provide a refreshing and refinement of knowledge of calculus, matrices and optimization to students seeking to upgrade their skills. It is particularly useful for PhD students who are looking for specific training in common mathematical techniques. The main learning goals for students are

to end up with the mathematical skills necessary to navigate their courses in Economics and related fields at GRIPS.

to have specific understanding in calculus, constrained optimization, matrices and related concepts

Related Diploma Policy
Policy Analysis (DP 2)

2. Course Outline：

The topics, level and schedule may change, depending on your understanding and interests. Except where stated, all the reading is from the required textbook. Some of the material may be presented in a different order or may be omitted if we run out of time. Some topics will occupy more than 1 lecture and the order may vary from that shown below

Out of class learning (approximately 45 hours) consists of reading the textbook, reviewing lecture notes, doing practice and assessed problem sets.

Lecture topics.

Introduction. Partial differentiation
Unconstrained Optimization
Series, graphing functions and approximations
Constrained optimization; Kuhn Tucker
Matrices I
Definite Matrices and second order conditions
The language of topology
Matrices II. Eigenvalues and eigenvectors
Differential Equations

Optimal Control Theory
Review and Final Exam (Weight: 40%)

3. Grading：
Take home problems sets (3): 60% Final Exam: 40%.
The final exam is a standard 80 minute exam which will cover all material from the course.

Grading Evaluation Criteria:
A: Demonstrate a mastery of learning goals 1 and 2.
B: Demonstrate achievement learning goals 1 and 2.
C: Demonstrate a satisfactory achievement of learning goals 1 and 2, with some significant weaknesses in understanding for some aspects of the course material..
D: Demonstrate elements of achievement of learning goals 1 and 2, with some significant weaknesses in understanding for some aspects of the course material..
E: Unacceptable achievement of learning goals 1 and 2, with major weaknesses in understanding of key aspects of the course material..

4. Textbooks and References (4-1:Required 4-2:Others)
Simon & Blume: Mathematics for Economists,Norton. 2012
Chiang and Wainwright, Fundamental Methods of Mathematical Economics, McGraw-Hill.

There are many other good texts that cover mathematics for economics. These are suitable provided they cover Kuhn-Tucker and other aspects of constrained optimization. I strongly recommend that you buy at least one text.

5. Software Used in Lectures（If not applicable, it can be left blank.）:
Microsoft office for lecture notes and slides etc.

6. Auditing ; Allow or Not Allow
可 Allow

7. Note：
Students are not allowed to use ChatGPT for assignments unless specifically allowed to. Materials for the course will be posted in Teams.