



## 教學計劃表 Syllabus

|  |   |                             |                                 |   |
|--|---|-----------------------------|---------------------------------|---|
| 課程名稱(中文)<br>Course Name in Chinese   | 專題討論(一)   |                             | 學年/學期<br>Academic Year/Semester | 109/1   |
| 課程名稱(英文)<br>Course Name in English   | Seminars in Special Topics (I)  |                             |                                 |   |
| 科目代碼<br>Course Code  | IIE_56600   | 系級<br>Department & Year     | 碩士                              | 開課單位<br>Course-Offering Department  |
| 修別<br>Type   | 必修 Required   | 學分數/時間<br>Credit(s)/Hour(s) | 1.0/2.0                         |   |
| 授課教師<br>Instructor   | /林燕淑  |                             |                                 |   |
| 先修課程<br>Prerequisite   |   |                             |                                 |   |
| 課程描述 Course Description  |   |                             |                                 |   |
| <p>國際貿易議題的探討。為何要對進口產品課關稅?廠商為何要外包? 出口好或直接投資好? 經濟整合對社會福利的影響?貿易自由化對國內工資的影響?貿易自由化對國內污染量的影響。</p> <p>本課程希望藉由所學的經濟知識，再配合現實社會經濟現象的觀察，做科學性的分析，提供學生一個思考方法，進一步判斷輿論是非。</p> <p>在課堂上討論研究方法，思考問題的邏輯性。</p> <p>希望培養對做研究有興趣的同學，可進一步撰寫論文。</p> |   |                             |                                 |   |
| 課程目標 Course Objectives   |   |                             |                                 |   |
| 使研究生瞭解經濟學各領域前端研究之內容，並參與討論。   |   |                             |                                 |   |
| 系專業能力<br>Basic Learning Outcomes   |   |                             |                                 | 課程目標與系專業能力相關性<br>Correlation between Course Objectives and Dept.'s Education Objectives |
| A  | 數理分析能力：通曉經濟學的進階理論技巧，應用數學與賽局解決經濟議題的能力。A.<br>Mathematical analysis skills: Mastering in intermediate application of mathematical theories and game theory in analyzing economic issues. |                             |                                 |   |
| B  | 實證經濟分析能力：通曉經濟學的進階實證技巧，善用資訊科技進行資訊蒐集、資料統計與計量分析。Empirical analysis skills: Mastering in intermediate application of statistics and econometrics in data collection and examination       |                             |                                 |   |
| C  | 微觀經濟之闡釋能力：通曉進階個體經濟學相關的理論與應用。Microeconomic perspective: Thorough understanding of intermediate microeconomic theories and relevant application   |                             |                                 |   |
| D  | 宏觀經濟之闡釋能力：通曉進階總體經濟學相關的理論與應用。Macroeconomic perspective: Thorough understanding of intermediate macroeconomic theories and relevant application   |                             |                                 |   |
| E  | 樂活能力：具備適應現代社會的進階學養以及就業能力。Employment opportunities: Capabilities of intermediate working on important policy and decision challenges in business and government                        |                             |                                 |   |
| F  | 溝通表達能力：思路清晰，有能力與人溝通並撰寫進階專業研究報告。Communication skills: Having a clear mind and capability in writing an intermediate professional academic report                                       |                             |                                 | ●   |
| 圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated  |   |                             |                                 |   |

授課進度表 Teaching Schedule & Content

| 週次Week | 內容 Subject/Topics  | 備註Remarks                          |
|--------|--|------------------------------------|
| 1      | <p>Introduction:<br/>Mathematics, Microeconomics, Industrial Organization.</p> <p>Christopher Snyder and Walter Nicholson, Microeconomic Theory: Basic Principles and Extensions, 11th edition, 2012. South-Western. (SN)</p> <p>Alpha C. Chiang and Kevin Wainwright, Fundamental Methods of Mathematical Economics, 4th edition, 2005. McGraw Hill. (CW)</p> <p>請不要缺席 這堂課上三小時，講數學基本概念，整學期都要用這些概念。特別是沒上過老師課的同學。</p>   | <p>近期要考試。數學方法。<br/>期中考11/12必考</p>  |
| 2      | <p>Licensing</p> <p>**Wang, X.W. (1998) _Fee versus royalty licensing in a Cournot duopoly model, _ Economics Letters, 60, 55-62.</p> <p>Wang, X.W. (2002) _Fee versus royalty licensing in a differentiated Cournot duopoly, _Journal of Economics &amp; Business, 54, 253-266.</p>   | <p>Cournot 的練習<br/>填座位表 以利雙向溝通</p> |
| 3      | 10/1 中秋節放假   |                                    |
| 4      | <p>Export Trade Policies:</p> <p>**Strategic Trade Policy in a Vertically Related Industry ( Bernhofen, Review of International Economics, 1997 )</p> <p>Export Subsidies and International Market Share Rivalry ( Brander and Spencer, Journal of International Economics, 1985 )</p>   | <p>presentation 1</p>              |
| 5      | <p>CSR(Corporate Social Responsibility):</p> <p>**Goering, G.E. (2014) "The profit-maximizing case for corporate social responsibility in a bilateral monopoly," Managerial and Decision Economics, 35, 493-499.</p> <p>Brand, B. and M. Grothe(2015) "Social Responsibility in a bilateral Monopoly, "Journal of Economics,115, 275-289.</p> <p>Chang, Yang-Ming, Chen, Hung-Yi, Wang, L.F.S, and Wu, Shih-Jye (2014), "Corporate Social Responsibility and International Competition: A Welfare Analysis" , Review of International Economics, Review of International Economics, Vol 22, 625 - 638.</p> <p>Goering, G.E. (2012) "Corporate social responsibility and marketing channel coordination," Research in Economics, 66, 142-148.</p> | <p>presentation 2</p>              |
| 6      | <p>Vertical Product Differentiation:</p> <p>**Choi C.J. and Shin H.S. (1992) "A Comment on a model of vertical product differentiation, "Journal of Industrial Economics, 229-231.</p> <p>**Ikeda, T. and T.Toshimitsu (2010) "Third-degree price discrimination, quality choice, and welfare, "Economics Letters, 106, 54-56.</p>   | <p>presentation 3</p>              |
| 7      | <p>Privatization</p> <p>**Wang, Mukherjee, and Zeng, (2020) "Does technology licensing matter for privatization? Journal of Public Economic Theory, 1-19.</p>  | <p>presentation 4</p>              |
| 8      | <p>** FDI and Outsourcing in a Service Industry: The Welfare Effect of Liberalizing Trade and Investment (Lu, Te-Cheng, Yan-Shu Lin and Jin-Li Hu, 2014. Economic Record, Vol. 90, Supplement s1, pages 74 - 86).</p> <p>Ishikawa, J., Morita, H. and Mukunoki, H. (2010), "FDI in Post-production Services and Product Market Competition," Journal of International Economics 82, 73-84.</p>   | <p>presentation 5</p>              |
| 9      | 11/12期中考<br>Service trade  |                                    |
| 10     | <p>Stackelberg leader and follower:</p> <p>**Mukherjee and Zhao (2017) "Profit rising entry" Journal of Industrial Economics, 214-219.</p>   | <p>每人均要上台說明期末報告的題目</p>             |

|    |  |                 |
|----|--|-----------------|
| 11 | Parallel trade:<br>Mukherjee, A. and L. Zhao (2012) "Profitable parallel trade in unionized markets," Journal of Economics, 107, 267-276.<br>**Matteucci, G. and P. Reverberi (2014) "Parallel trade, product quality, and Welfare," Economic Letters, 122, 258-262. | presentation 6  |
| 12 | Cournot and Bertrand<br>**Singh and Vives (1984) "Price and Quantity competition in a differentiated duopoly," Rand Journal of Economics 546-554.  | presentation 7  |
| 13 | Bargaining<br>**Basak, (2017) "Cournot and Bertrand under centralized bargaining" Economics Letters 154, 124-127.  | presentation 8  |
| 14 | Licensing<br>**Martin and Saracho, 2016, "Patent Strength and Optimal two-part tariff licensing with a potential rival incorporating ad valorem royalty, Economics Letters 143, 28-31  | presentation 9  |
| 15 | Multi-product firm<br>**Kopel, Loffler, and Pfeiffer (2017) "Complementary monopolies and multi-product firms," Economics Letters, 28-30.  | presentation 10 |
| 16 | 期末報告發表   |                 |
| 17 | 期末報告討論   |                 |
| 18 | 期末報告討論   |                 |

### 教學策略 Teaching Strategies

- 課堂講授 Lecture
  分組討論 Group Discussion
  參觀實習 Field Trip  
 其他 Miscellaneous: research learning

### 教學創新自評 Teaching Self-Evaluation

#### 創新教學 (Innovative Teaching)

- 問題導向學習 (PBL)
  團體合作學習 (TBL)
  解決導向學習 (SBL)  
 翻轉教室 Flipped Classroom
  磨課師 Moocs

#### 社會責任 (Social Responsibility)

- 在地實踐 Community Practice
  產學合作 Industry-Academia Cooperation

#### 跨域合作 (Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching
  跨院系教學 Inter-collegiate Teaching

- 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

---

學期成績計算及多元評量方式 Grading & Assessments

| 配分項目<br>Items   | 配分比例<br>Percentage | 多元評量方式 Assessments |          |          |          |          |          |          |  |
|---|--------------------|--------------------|----------|----------|----------|----------|----------|----------|--|
|   |                    | 測驗<br>會考           | 實作<br>觀察 | 口頭<br>發表 | 專題<br>研究 | 創作<br>展演 | 卷宗<br>評量 | 證照<br>檢定 | 其他   |
| 平時成績 General Performance                                    | 13%                |                    | ✓        | ✓        |          |          |          |          | 出席 參與程度                                      |
| 期中考成績 Midterm Exam  | 30%                | ✓                  |          |          |          |          | ✓        |          |  |
| 期末考成績 Final Exam  | 20%                |                    | ✓        | ✓        | ✓        | ✓        |          |          | term paper presentation                      |
| 作業成績 Homework and/or Assignments                            | 20%                | ✓                  |          | ✓        | ✓        | ✓        |          |          | 10% PPT, 10% presentation                    |
| 其他 Miscellaneous (PPT presentation and discussion in class) | 20%                | ✓                  | ✓        | ✓        | ✓        | ✓        |          |          | 10% join discussion, 10% Advanced discussion |

評量方式補充說明

Grading & Assessments Supplemental instructions

20% 作業：其中含10% PPT製作, 10% 報告。

10% PPT製作成績計算方式：PPT的品質佔40分，寄給老師的時間佔60分(周二晚上12:00前寄可得滿分60分；周三晚上12:00前可得30分)。

10% 報告取決於帶動上課參與的程度，越多人參與討論成績越高。

其他的20%說明：如果你不是報告組，只要你每次上課都開口問問題，就100%。

原則每人上台報告三次文章，一組多少人視修課人數而定。

教科書與參考書目 (書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

Recent Journal Paper or Working Paper

W. Nicholson, Microeconomic Theory: Basic Principles and Extensions, 11th edition, 2012.

Alpha C. Chiang and Kevin Wainwright, Fundamental Methods of Mathematical Economics, 4th edition, McGraw Hill.

課程教材網址(含線上教學資訊, 教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information.

Personal website can be listed here.)

E學院網站

e-learning platform

其他補充說明 (Supplemental instructions)

Enjoying learning