Economics Seminar I

CATHOLIC UNIVERSITY OF KOREA

강 의 계 획 서

2016학년도 제1학기

교과목명	국 문	경제학세미나 I			
	영 문	Economics Seminar I			
과목번호-분반	03949-01	이수구분	제1전공선택	시간/학점	3/3
요일 및 시간 (강의실)	화4~5(IH236), 목 4(IH236)	수강대상		선수과목	
담당교수	성 명	연구실	전화번호	E-MAIL	
	린위쑤안	T614	0221645505	yuhsuan.lin@catholic.ac.kr	
Web Site			영어강의 유형		

1.교과목 개요

This course is an introduction to game theory. Topics cover dominance; backward induction; Nash equilibrium; asymmetric information; adverse selection; and signalling are discussed and applied to games played in class experiments.

2. 강의목표

Students will learn the logic thinking of decision making on the game theories.

3. 강의방법

2 hours lecture, 1 hour in-class exercise.

* A Brief Introduction to the Basics of Game Theory, by Matthew O. Jackson. These notes offer a short introduction to the basics of game theory; they are available as a free PDF download. http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1968579

4. 평가방법

Classroom attendance and participation (20%); Final exam (80%).

5. 과제물

90 minutes closed-book exam in week 16

6. 실험, 실습계획

Weekly in-class exercise

7. 관련강의

* Office Hour : by email appointment (T614)

8. 교재

도서명	출판사	저자	연도	교재여부
Markets, Games, & Strategic Behavior	Prentice Hall	Charlie Holt	2007	참고도서

9. 강의일정 및 내용

주	기간	강의내용	참고자료	비고
1	2016-03-02 ~ 2016-03-08	Introduction		
2	2016-03-09 ~ 2016-03-15	Games with Sequential moves		
3	2016-03-16 ~ 2016-03-22	Dominant strategies		
4	2016-03-23 ~ 2016-03-29	Nash equilibrium (1)		

주	기간	강의내용	참고자료	비고
5	2016-03-30 ~ 2016-04-05	Nash equilibrium (2)		
6	2016-04-06 ~ 2016-04-12	Cournot duopoly and commons problem (1)		
7	2016-04-13 ~ 2016-04-19	Cournot duopoly and commons problem (2)		
8	2016-04-20 ~ 2016-04-26	Mid-term reading week		
9	2016-04-27 ~ 2016-05-03	Mixed strategies (1)		
10	2016-05-04 ~ 2016-05-10	Mixed strategies (2)		
11	2016-05-11 ~ 2016-05-17	Extensive-form games		
12	2016-05-18 ~ 2016-05-24	Zero-sum games		
13	2016-05-25 ~ 2016-05-31	Repeated games		
14	2016-06-01 ~ 2016-06-07	Coalitional games		
15	2016-06-08 ~ 2016-06-14	Extensive games and backward induction		
16	2016-06-15 ~ 2016-06-21	Final exam		