

COURSE NAME: ECONOMICS OF INFORMATION

DEGREE: ECONOMICS

COURSE: 3

QUARTER: 2

COURSE CHRONOGRAM

	Session	DESCRIPTION OF SESSION CONTENTS	GROUP (Mark X)		Indicate necessary space in a different room	STUDENT WORK DURING THE WEEK		
			Big	Small		DESCRIPCIÓN	Presential hours	Week working hours
1	1	Review of static Bayesian games. Bayesian equilibrium. Applications: oligopolies, Cournot competition with assymetric information.	X			Reading. Solving the problem set.	1,5	5
1	2	Auctions.		X		Solutions and discussions of problems.	1,5	
2	3	Public goods with assymetric information.	X			Reading. Solving the problem set.	1,5	5
2	4	Other applications of Bayesian equilibrium.		X		Solutions and discussions of problems and homeworks.	1,5	
3	5	Dynamic Bayesian Games. Perfect Bayesian Equilibrium.	X			Reading. Solving the problem set.	1,5	5
3	6	Applications: Entry in a monopolistic market.		X		Solutions and discussions of problems and homeworks.	1,5	
4	7	Signalling games.	X			Reading. Solving the problem set.	1,5	5
4	8	Applications to problems of adverse selection, signalling and moral hazard.		X		Solutions and discussions of problems and homeworks.	1,5	
5	9	Risk sharing. Risk and efficiency.	X			Reading. Solving the problem set.	1,5	5
5	10	Computation of efficient assignments.		X		Solutions and discussions of problems and homeworks.	1,5	
6	11	Risk and competition. Risk and monopoly.	X			Reading. Solving the problem set.	1,5	5
6	12	Computation of equilibria in both competition and monopoly conditions.		X		Solutions and discussions of problems and homeworks.	1,5	
7	13	Basic principal-agent model.	X			Reading. Solving the problem set.	1,5	5
7	14	Applications: Insurance markets		X		Solutions and discussions of problems and homeworks.	1,5	

8	15	The problem of adverse selection.				Reading. Solving the problem set.	1,5	5
8	16	Applications: Labor markets, insurance, and second hand goods.		X		Solutions and discussions of problems and homeworks.	1,5	
9	17	Menu contracts. Agent competition.	X			Reading. Solving the problem set.	1,5	5
9	18	Menu contracts. Principal competition.		X		Solutions and discussions of problems and homeworks.	1,5	
10	19	Guarantees. Signalling. Public intervention.	X			Reading. Solving the problem set.	1,5	5
10	20	Exercises in guarantees, signalling and public intervention.		X		Solutions and discussions of problems and homeworks.	1,5	
11	21	Applications: Insurance markets, labor markets, goods of different qualities, financial markets. Two parts tariffs.	X			Reading. Solving the problem set.	1,5	5
11	22	Exercises: Insurance markets, labor markets, goods of different qualities, financial markets. Two parts tariffs.		X		Solutions and discussions of problems and homeworks.	1,5	
12	23	The problem of moral hazard.	X			Reading. Solving the problem set.	1,5	5
12	24	Exercises in moral hazard		X		Solutions and discussions of problems and homeworks.	1,5	
13	25	Solving the problem of moral hazard: Incentives, sharing rules, selling the firm, public intervention.	X			Reading. Solving the problem set.	1,5	5
13	26	Exercises.		X		Solutions and discussions of problems and homeworks.	1,5	
14	27	Applications: Insurance markets, labor markets, financial markets, teams, joint ventures, cooperatives, public goods.	X			Reading. Solving the problem set.	1,5	5
14	28	Exercises		X		Solutions and discussions of problems and homeworks.	1,5	
SUBTOTAL							120	
15		Make up classes, tutorials, hand outs, etc.						8
16-18		Preparing the exam. Exam.					3	19
TOTAL							150	