



ÇANKAYA UNIVERSITY

Faculty of Economics and Administrative Sciences

Course Definition Form

Part I. Basic Course Information

Department Name	ECONOMICS	Dept. Numeric Code	3 1
Course Code	E C O N 4 2 7	Number of Weekly Lecture Hours	3
		Number of Weekly Lab/Tutorial Hours	0
		Number of Credit Hours	3
Course Web Site	http:// econ427.cankaya.edu.tr		ECTS Credit
			0 5

Course Name and Other Course Information

This information will appear in the printed catalogs and on the web online catalog.

English Name	Introduction to Economic Dynamics
Turkish Name	İktisadi Dinamik Analize Giriş
Mode of Delivery	Face to face
Language of Instruction	English

Course Description

Provide a brief overview of what is covered during the semester. This information will appear in the printed catalogs and on the web online catalog. Maximum 60 words.

This course is an example-driven treatment of introductory economic dynamics for students with a basic familiarity with spreadsheets. It aims to teach students to set up and investigate simple dynamic models. It studies the "motion" of economic processes: disequilibrium behavior in convergence to equilibrium. This course presents the essentials of macroeconomic dynamics, including: Keynesian Dynamics, IS-LM dynamics, inflation-unemployment dynamics, rational expectations and saddle points, and fiscal dynamics and chaos theory.

Prerequisites (if any) <i>Give course codes and check all that are applicable.</i>	1 st	2 nd	3 rd	4 th
	<input type="checkbox"/> Consent of the Instructor	<input type="checkbox"/> Senior Standing	<input type="checkbox"/> Give others, if any.	
Co-requisites (if any)	1 st	2 nd	3 rd	4 th
Course Type <i>Check all that are applicable</i>	<input type="checkbox"/> Must course for dept. <input type="checkbox"/> Must course for other dept.(s) <input checked="" type="checkbox"/> Elective course for dept. <input type="checkbox"/> Elective course for other dept.(s)			

Part II. Detailed Course Information**Course Objectives***Maximum 100 words.***Learning Outcomes***Explain the learning outcomes of the course. Maximum 10 items.*

By the end of the course the students will:

1. Have a good conceptual understanding of dynamic vs. static analysis.
2. Set up a simple dynamic model on a spreadsheet and investigate it
3. Be able to solve linear difference equations

Textbook(s)*List the textbook(s), if any, and other related main course material.*

Author(s)	Title	Publisher	Publication Year	ISBN
Shone, R.	An Introduction to Economic Dynamics	Cambridge University Press	2001	9780521800341

Reference Books*List, if any, other reference books to be used as supplementary material.*

Author(s)	Title	Publisher	Publication Year	ISBN
Shone, R.	Economic Dynamics: Phase Diagrams and their Economic Application	Cambridge University Press	2003	9780521800341

Teaching Policy*Explain how you will organize the course (lectures, laboratories, tutorials, studio work, seminars, etc.)*

Instructor will give lectures on major concepts and issues. Students are expected to engage in discussion during lectures. Most in-depth learning takes place when students actively engage themselves in discussions thought presenting and sharing their ideas. Instructor holds weekly consultation hours to answer students' questions.

Laboratory/Studio Work*Give the number of laboratory/studio hours required per week, if any, to do supervised laboratory/studio work and list the names of the laboratories/studios in which these sessions will be conducted.***Computer Usage***Briefly describe the computer usage and the hardware/software requirements for the course.*

Course Outline <i>List the weekly topics to be covered.</i>	
Week	Topic(s)
1	Mathematical Review
2	Mathematical Review
3	Simple Keynesian Dynamics
4	Simple Keynesian Dynamics
5	Constructing Trajectories in the Phase Plane
6	Constructing Trajectories in the Phase Plane
7	Midterm Exam
8	IS-LM Dynamics
9	Inflation-unemployment Dynamics
10	Inflation-unemployment Dynamics
11	Saddles and Rational Expectations
12	Saddles and Rational Expectations
13	Fiscal Dynamics
14	Fiscal Dynamics

Grading Policy <i>List the assessment tools and their percentages that may give an idea about their relative importance to the end-of-semester grade.</i>								
Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage
Midterm Exam	1	45%						
Final Exam	1	55%						

ECTS Workload <i>List all the activities considered under the ECTS.</i>			
Activity	Quantity	Duration (hours)	Total Workload (hours)
Attending Lectures (<i>weekly basis</i>)	14	3	42
Attending Labs/Recitations (<i>weekly basis</i>)	-	-	-
Compilation and finalization of course/lecture notes (<i>weekly basis</i>)	14	1	14
Collection and selection of relevant material (<i>once</i>)	1	2	2
Self study of relevant material (<i>weekly basis</i>)	14	3	42
Take-home assignments	-	-	-
Preparation for quizzes	-	-	-
Preparation for mid-term exams (<i>including the duration of the exams</i>)	1	10	10
Preparation of term paper/case-study report (<i>including oral presentation</i>)	-	-	-
Preparation of term project/field study report (<i>including oral presentation</i>)	-	-	-
Preparation for final exam (<i>including the duration of the exam</i>)	1	15	15
TOTAL WORKLOAD / 25			125/5
ECTS Credit			5

Program Qualifications vs. Learning Outcomes Consider the program qualifications given below as determined in terms of learning outcomes and acquisition of capabilities for all the courses in the curriculum. Look at the learning outcomes of this course given above. Relate these two using the Likert Scale by marking with X in one of the five choices at the right.

No	Program Qualifications	Contribution				
		0	1	2	3	4
1	To know the fundamental concepts in economics and associated social sciences, and relate these concepts to each other.					X
2	To know the quantitative and qualitative methods and computer skills necessary for testing hypotheses derived from economic theories for the purpose of contributing towards the solution of economic problems.					X
3	To acquire the necessary knowledge for gathering and processing data, and for building up the scientific research capacity to guide economic policy.					X
4	To specialize in some of the sub-disciplines of economics, and to gain interdisciplinary analytical skills by making connections between those sub-disciplines and other social sciences.					X
5	To have the ability to question, interpret, and analyze the findings of economic studies.				X	
6	To develop the ability to present in writing as a report and verbally as a presentation the knowledge acquired through education.			X		
7	To be able to work in teams, and when necessary to rise up to the challenge individually.				X	
8	To gain life-long learning and critical-thinking skills.				X	
9	To be able to assess one's need for advanced study and to make plans accordingly by using the critical and analytical thinking skills gained during undergraduate studies.					X
10	To gain the ability to use a language at least at the Level B1 of the European Language Portfolio to follow economic news and developments, and to communicate with colleagues.				X	
11	To maintain scientific, social, and ethical standards when collecting, interpreting, and disseminating economic information, and in application of economic ideas.			X		
12	To be conscious of social and environmental needs.		X			
13	To develop an open-minded attitude towards new ideas and developments.					X
14	To relate the knowledge gained through education to the cultural and historical characteristics of the society.		X			

Scale for contribution to a qualification: 0-none, 1-little, 2-moderate, 3-considerable, 4-highest