

COURSE OUTLINE

(1) GENERAL

SCHOOL	SCHOOL OF SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF MATHEMATICS		
LEVEL OF STUDIES	UNDERGRADUATE PROGRAM		
COURSE CODE		SEMESTER	H
COURSE TITLE	MACROECONOMIC THEORY I		
INSTRUCTOR			
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	CREDITS
		3	6
COURSE TYPE	Special background		
PREREQUISITE COURSES:	NO		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	GREEK		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	YES		
COURSE WEBSITE (URL)	http://www.math.aegean.gr/index.php/en/academics/undergraduate-programs		

(2) LEARNING OUTCOMES

Learning outcomes
Centrally planned economy, dynamics of economic evolution, economical growth, decentralized economy, governmental economy, open economy, monetary system.
General Competences
Understanding of economical equilibrium, gain familiarity with optimization methods, obtain skills of economical analysis.

(3) SYLLABUS

<ol style="list-style-type: none"> 1. Modern economical developments, the golden rule, the optimal solution, Euler equation, intertemporal production potential, static and dynamic equilibrium. 2. Dynamics of saddle path, the business cycle, labor in the basic model, investment theory, maturity time. 3. Development procedure, Solow-Swan model, optimal growth theory, endogenous growth. 4. Consumption, labor market, companies, general equilibrium. 5. State budget, funding of state expenses, sustainability of the fiscal system, optimization of the fiscal policy, inconsistency of fiscal policy, pension model. 6. Optimal solution for open economy, tradable goods, trading structure parity, current payments balance. 7. Constrains in household income, money as source of utility, money as exchangeable good, cost of transaction, hyperinflation, superneutrality of money. 	
TEACHING MATERIAL DISTRIBUTION	The teaching material of the course is uniformly distributed during the semester.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-face
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USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	Communication with students via e-mail	
TEACHING METHODS	Activity	Semester workload
	Lectures	52
	Independent study	98
	Course total (25 per ECTS)	150
COURSE COMMITMENTS	Attending course is not obligatory.	
STUDENT PERFORMANCE EVALUATION	Student's evaluation is done in Greek through a written examination which includes short-answers questions and problem solving. For students with disabilities, evaluation takes place via oral exam.	

(5) ATTACHED BIBLIOGRAPHY

<ol style="list-style-type: none"> 1. Μακροοικονομική, Abel Andrew B., Bernanke Ben S., Croushore Dean. 2. Μακροοικονομική, Blanchard Olivier. 3. Αρχές της Μακροοικονομικής, Stiglitz J., Walsh C. 4. Barro, Μακροοικονομική Θεωρία: Μια προσέγγιση με μικροθεμελίωση, Barro J. Robert. 5. Μακροοικονομική, 6η Έκδοση, Williamson Stephen D. , Γρηγόρης Σιουρούνης - Ευάγγελος Διοικητόπουλος (επιμέλεια). 6. Μακροοικονομική, Mankiw Gregory, Ψαλτόπουλος Δημ.(Γεν. επιμ.). 7. Μακροοικονομική και Χρηματοπιστωτικό Σύστημα, Mankiw N. Gregory, Ball Laurence, Χορταρέας Γεώργιος (επιμέλεια). 8. Μακροοικονομική, Acemoglu Daron, Laibson David, List John. 9. ΓΙΑΤΙ ΑΠΟΤΥΓΧΑΝΟΥΝ ΤΑ ΕΘΝΗ, ACEMOGLU DARON. 10. Μακροοικονομική σε διδακτικές ενότητες, Krugman Paul, Wells Robin, επιστ. επιμ. Ιωαννίδης Α, Παπαθεοδώρου Χ.
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