

GAU, Faculty of Engineering

Course Unit Title	Introduction to Economics II-Macroeconomics	
Course Unit Code	ECON202	
Type of Course Unit	Compulsory, Industrial Engineering Students	
Level of Course Unit	BSc	
National Credits	-	
Number of ECTS Credits Allocated	6 ECTS	
Theoretical (hour/week)	3	
Practice (hour/week)	-	
Laboratory (hour/week)	-	
Year of Study	2nd	
Semester when the course unit is delivered	4th	
Mode of Delivery	Face to Face	
Language of Instruction	English	
Prerequisites and co-requisites	-	
Recommended Optional Programme Components	None	
Objectives of the Course:		
<ul style="list-style-type: none"> ➤ To provide a self-contained introduction which shows that economics offers powerful insights about the world which we live in. ➤ The aim of this course is to enable students to use economics to analyse problems. ➤ To provide an understanding of the framework, characteristics and functioning of a market economy and other alternative economic systems. 		
Learning Outcomes		
When this course has been completed the student should be able to		Assesment.
1	The student will be able to define, identify and distinguish economic terms and concepts.	1
2	The student will be able to read and interpret graphs.	1
3	The student will be able to perform calculations (calculate analyse and interpret different types of economic and financial data.	1
4	The student will acknowledge the main macroeconomic indicators and macroeconomic policies.	1
5	The student will be able to provide policy alternatives to address various economic outcomes.	1
6	The student will be able to determine the effectiveness and appropriateness of government policy intervention.	1
7	The student will be able to comprehend real world applications of economic aspects.	1
8	The student will understand today's discussion of tomorrow's problems.	1
Assesment Methods: 1. Written Exam, 2. Assignment 3. Project/Report, 4.Presentation		
Course's Contribution to Program		CL
1	Ability to understand and apply knowledge of mathematics, science, and engineering	3
2	Ability to design and conduct experiments as well as to analyze and interpret data	4
3	Ability to work in multidisciplinary teams while exhibiting professional responsibility and ethical conduct	2
4	Ability to apply systems thinking in problem solving and system design	3
5	Knowledge of contemporary issues while continuing to engage in lifelong learning	4
6	Ability to use the techniques, skills and modern engineering tools necessaryfor engineering practice	2
7	Ability to express their ideas and findings, in written and oral form	4
8	Ability to design and integrate systems, components or processes to meet desired needs within realistic constraints	3
9	Ability to approach engineering problems and effects of their possible solutions within a well structured, ethically responsible and professional manner	4
CL: Contribution Level (1: Very Low, 2: Low, 3: Moderate 4: High, 5:Very High)		

Course Contents			
Week			Exams
1	Chapter 1 Chapter 2 Chapter 3	Principles of Economics Thinking Like an Economist Interdependence and the Gains from Trade	
2	Chapter 4	The Market Forces of Supply and Demand	
3	Chapter 5 Chapter 6	Measuring a Nation's Income Measuring the Cost of Living	
4	Chapter 7	Production and Growth	
5	Chapter 8	Saving, Investment, and the Financial System	
6	Chapter 9	The Basic Tools of Finance	
7			Midterm
8	Chapter 10	Unemployment	
9	Chapter 11 Chapter 12	The Monetary System Money Growth and Inflation	
10	Chapter 13 Chapter 14	Open-Economy Macroeconomics: Basic Concepts A Macroeconomic Theory of the Open Economy	
11	Chapter 15	Aggregate Demand and Aggregate Supply	
12	Chapter 16	Fiscal Policy	
13	Chapter 17	Monetary Policy	
14	Chapter 18	The Short-Run Trade-off between Inflation and Unemployment	
15			Final

Recommended Sources

Textbook:

Brief Principles of Macroeconomics, 5e. N. Gregory Mankiw.
South-Western Cengage Learning.

Supplementary Material (s):

Advances in Macroeconomic Theory. Dr eze, Jacques H. Bruno, Michael. International Economic Association. (World Congress 1999 : Buenos Aires, Argentina) ebrary, Inc. (26437)
International Macroeconomics Theory and Policy. Argy, Victor E. ebrary, Inc. (26437). London ;New York: Routledge, 1994.

Assessment

Attendance/Participation	15%
Quiz (Written)	5%
Assignment/Homework	10%
Midterm Exam (Written)	30%
Final Exam (Written)	40%
Total	100%

ECTS Allocated Based on the Student Workload

Activities	Number	Duration (hour)	Total Workload(hour)
Course duration in class (including the Exam week)	14	3	42
Course related activity	5	2	10
Assignments	2	10	20
Project/Presentation/Report Writing	-	-	-
Homework	2	10	20
Quiz	2	1	2
Preparation for the quiz	2	5	10
Midterm Examination			
- Exam	1	2	17
- Preparation for the exam	1	15	
Final Examination			
- Exam	1	2	17
Preparation for the exam	1	15	
Self Study	14	3	42
Total Workload			180
Total Workload/30 (h)			30
ECTS Credit of the Course			6