



University of Management and Technology

School of Business and Economics

Course Title: --Macroeconomics-----
Course Code: ---EC 220 -----
Resource Person: -----
Department: ----Economics-----

SBE Vision

SBE envisions its success in the sustainable contribution that it will make to the industry, academia and research in public and private sector. SBE will lead by providing professionally competent and ethically conscious human resources engaged in the global and local context to foster socio-economic growth and sustainability for the society. SBE envisages having faculty with high research potential and a deep desire for cutting edge research including collaboration with national and international partners.

SBE Mission

Being a research-oriented and student-centric business school, we emphasize research publications in impact journals as well as state-of-the-art learning methodologies. We will prepare our students to become the future ethical business leaders and the guiding post for the society, while equipping them with the knowledge and skills required by world-class professionals. We will be the leading choice for organizations seeking highly talented human resource. SBE will foster internationalization with key stakeholders and actively work to exchange best practices with business schools across Pakistan through collaborations, workshops, conferences and other means.

Program Objectives

The main objective of the program is to develop knowledge and skills of the participants. This program has been designed for students who, after completing higher secondary school, are looking for some knowledge based, career oriented, and market-driven educational program that would lead to lucrative careers. The program is a blend of theory, quantitative, research and applied areas in economics for preparing students to pursue advanced research degrees like MS and PhD.

Course Objectives

The objectives set by this course of Microeconomics is to provide skills to deal with individual level issues. These issues are related to resource scarcity, utility maximization, cost minimization and participants will become familiar with the skills to deal with different agents in the economy, like buyer, seller and government in different market conditions in order to have a sustainable flow of benefits.

Learning Objectives

1. Students will be able to make connection between major goals of macroeconomics like Inflation, growth and unemployment and how it effects human welfare
2. Understanding the influence of macroeconomic goals on the consumers & producers and devising policy for agents and government
3. Students will explore the role of banks & Central bank and its role in creating money
4. Students will be able to foresee who economy fluctuates in short run and long run and how government can intervene based on the synthesis of source

Learning Outcomes

1. This will enable students to realize the effects from the aggregate phenomenon and how being component in the society they are contributing in this.
2. Being rational consumer or producer, students will be able to make strategy how to best respond to overall economic conditions
3. Students will understand the evolution of banking sector and its purposes while trading their skills in financial sector.
4. Students will be able to evaluate how Government is responding to achieve economic goals and predict future conditions for business and investment

Teaching Methodology (List methodologies used -example are given below)

Interactive Classes
Case based teaching
Class activities
Applied Projects
Experiential Learning

STUDENTS ARE REQUIRED TO READ AND UNDERSTAND ALL ITEMS OUTLINED IN THE PARTICIPANT HANDBOOK

Class Policy:-

- **Be on Time**
You need to be at class at the assigned time. After 10 minutes past the assigned time, you will be marked absent.
- **Mobile Policy**
TURN OFF YOUR MOBILE PHONE! It is unprofessional to be texting or otherwise.
- **Email Policy**
READ YOUR EMAILS! You are responsible if you miss a deadline because you did not read your email. Participants should regularly check their university emails accounts regularly and respond accordingly.
- **Class Attendance Policy**
A minimum of 80% attendance is required for a participant to be eligible to sit in the final examination. Being sick and going to weddings are absences and will not be counted as present. You have the opportunity to use 6 absences out of 30 classes. Participants with less than 80% of attendance in a course will be given grade 'F' (Fail) and will not be allowed to take end term exams. International students who will be leaving for visa during semester should not use any days off except for visa trip. Otherwise they could reach short attendance.
- **Withdraw Policy**
Students may withdraw from a course till the end of the 12th week of the semester. Consequently, grade W will be awarded to the student which shall have no impact on the calculation of the GPA of the student. A Student withdrawing after the 12th week shall be automatically awarded "F" grade which shall count in the GPA.
- **Moodle**
UMT –LMS (Moodle) is an Open Source Course Management System (CMS), also known as a learning Management System (LMS). Participants should regularly visit the course website on MOODLE Course Management system, and fully benefit from its capabilities. If you are facing any problem using moodle, visit <http://oit.umd.edu.pk/moodle>. For further query send your queries to moodle@umd.edu.pk
- **Harassment Policy**
Sexual or any other harassment is prohibited and is constituted as punishable offence. Sexual or any other harassment of any participant will not be tolerated. All actions categorized as sexual or any other harassment when done physically or verbally would also be considered as sexual harassment when done using electronic media such as computers, mobiles, internet, emails etc.
- **Use of Unfair Means/Honesty Policy**
Any participant found using unfair means or assisting another participant during a class test/quiz, assignments or examination would be liable to disciplinary action.

- **Plagiarism Policy**

All students are required to attach a “Turnitin” report on every assignment, big or small. Any student who attempts to bypass “Turnitin” will receive “F” grade which will count towards the CGPA. The participants submit the plagiarism report to the resource person with every assignment, report, project, thesis etc. If student attempts to cheat “Turnitin”, he/she will receive a second “F” that will count towards the CGPA. There are special rules on plagiarism for final reports etc. all outlined in your handbook.

- **Communication of Results**

The results of quizzes, midterms and assignments are communicated to the participants during the semester and answer books are returned to them. It is the responsibility of the course instructor to keep the participants informed about his/her progress during the semester. The course instructor will inform a participant at least one week before the final examination related to his or her performance in the course.

Course Outline

Course code.....EC 220.....

Course title.....Macroeconomics.....

Program	BBA
Credit Hours	3
Duration	15 Weeks
Prerequisites (If any)	Macro-Economics
Resource Person Name and Email	
Counseling Timing (Room#)	
Contact no.	
Web Links:- (Face book, Linked In, Google Groups, Other platforms)	

Chairman/Director Programme signature.....Date.....

Dean's signature.....Date.....

Grade Evaluation Criteria

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

Marks Evaluation	Marks in percentage
Quizzes	15
Assignments/Take home problems Set	20
Mid Term	20
Activities, Attendance & Class Participation	5
Term Project	10
Final exam	30
Total	100

Recommended Text Books:

1. **Robert Frank & Ben Bernanke "Principles of Economics (The Mcgraw-hill Series in Economics) 5th Edition**
2. **Mankiw N G, "Principles of Microeconomics" 7th edition, Thomson Learning. (USA)**
3. **Mc Connel C, Brue S, and Flynn S. "Economics; Principles, Problems, and Policies" (21st Edition)-Mc graw Hill (USA)**

Reference Books:

- **Samuelson N. and Nordhaus W. (2010). Economics. McGraw Hill, Inc.**
- **Froyen R.T. (Latest Edition). Macroeconomics Theories And Policies. Prentice Hall.**
- **Blanchard O. and Johnson D. (Latest Edition). Macro Economics. Pearson Education**

Session	Topics to be covered in the course	Learning Objective of this topic	Expected Outcomes from Students	Teaching Method	Assessment Criteria	Deadlines and Homework
1-3	<p>Course and class introduction</p> <p>Pre-assessment with macroeconomics</p> <p>Recapitulation</p> <p>Variables of Macro Economics and Micro Economics</p> <p>Measurement of National Income</p> <p>GDP</p> <p>NGDP</p> <p>GNP</p> <p>Growth Rate of the economy</p> <p>Methods of measuring national income</p> <p>Difficulties and precautions</p>	<p>This section will emphasize on the understanding of effects of aggregate scenario on people in different parts of economy</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>In class Activity</p>	<p>Within a Week</p>
4-6	<p><u>Workers, wages & unemployment in the modern economy.</u></p>	<p>In this section the students will learn about the functioning of the labor market and the causes of</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>In class Activity</p>	<p>Within a Week</p>

	<p>Supply and demand in labor market & shifts in demand for and supply of labor curves.</p> <p>Population vs labor force. Measuring unemployment rate.</p> <p>Types of unemployment. Structural, Cyclical, Frictional, Disguised unemployment.</p>	unemployment in the context of Pakistan Economy.		<p>Quiz #1</p> <p>Assignment #1</p>		
7-8	<p><u>Measuring the price level & inflation.</u></p> <p>Inflation and its type, demand pull inflation and cost push inflation-stagflation.</p>		<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>Quiz & Assignment</p>	<p>Within a Week</p>
9-11	<p><u>Aggregate demand and its components</u></p> <p>Keynesian consumption function</p> <p>Autonomous consumption, induced consumption, marginal propensity to consume</p> <p>Savings, private savings, public savings, voluntary and forced savings</p>	<p>In this session the students will learn about the consumption and saving behavior of the individuals.</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>In class activity</p>	<p>Within a Week</p>

12-13	<p><u>Investment and net export</u></p> <p>Keynesian cross, equilibrium national income. Mathematical derivation and numerical examples</p>	<p>The students will learn about the Keynesian equilibrium which is highly important in observing the performance of the economy.</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>In class activity</p>	<p>Within a Week</p>
14-15	<p><u>Multiplier</u></p> <p>Concept of multiplier, simple multiplier, Govt. spending multiplier, tax multiplier, multiplier when taxes are a function of income. Balanced multiplier, mathematical derivation and numerical examples</p>	<p>In this session students will solve numerical problems related to an economy.</p>	<p>Reading material, reference will be announced by the instructor in the class.</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>In class activity</p>	<p>Within a Week</p>

Mid Terms						
17-19	<p><u>Full Employment</u></p> <p>Concept of full employment, potential output, actual output, recessionary gap, inflationary gap.</p>	<p>In this session students will have idea about the functioning of the economy with various economic problems.</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p> <p>Quiz #3</p> <p>Assignment #3</p>	<p>Quiz and assignment</p>	<p>Within a Week</p>
20-21	<p><u>Fiscal and Monetary Policy</u></p> <p>Money demand, money supply. Equilibrium in money market.</p> <p>Tools of fiscal policy and tools of monetary policy.</p> <p>Use of fiscal policy and monetary policy to bridge the gaps,</p>	<p>We will study how overall economy demands goods and services and what are its controlling factors for policy. We will compare the common policies which Government can opt and its usefulness.</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>In class activity</p>	<p>Within a Week</p>

22-24	<p><u>IS-LM framework</u></p> <p>IS curve and its derivation, LM curve and its derivation, Equilibrium in goods market and money market, shifts in IS-ILM curve</p>	<p>The students will learn about the simultaneous equilibrium in product and money market.</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p> <p>Quiz #4</p> <p>Assignment #4</p>	<p>In class activity</p>	<p>Within a Week</p>
25-27	<p><u>The long run model</u></p> <p>Fiscal policy in full employment economy, Monetary policy in full employment economy</p>	<p>Studying how seasonal changes in demand or supply appear in the economy and how government can manage it</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>	<p>Quiz and assignment</p>	<p>Within a Week</p>
28-30	<p><u>The Govt. Budget deficit and aggregate demand.</u></p> <p>Revision</p>	<p>The role of Govt. in controlling economic problems will be highlighted.</p>	<p>Reading material, reference will be announced by the instructor in the class</p>	<p>Lecture, in class exercises, Numerical examples.</p>		
Final Exam						