AP Microeconomics A v8.0 – Syllabus

Course Name

APMICECO

AP Microeconomics - Elective v8.0

Course Information

APMICECO is a single semester course.

In this course, students explore the power of marginal thinking and apply it to common decisions that individuals and business firms encounter each day. Students examine, interpret, analyze, and model key microeconomics concepts and processes, from the shifting supply and demand for familiar products to the model of the labor market and how wages are determined. This rich course provides students with all the material and practice needed for success on the AP Exam. Yet, this is just the beginning—in the long run, taking AP Microeconomics will develop the critical thinking and analytical skills that empower students for a lifetime.

Course Delivery Method

Online

Contacting Your Instructor

You may contact your instructor using your Canvas Inbox. Technical support is available 24/7 at TTU K-12.

Course Topics

After completing this course, the students should have increased knowledge of:

Module 01: Basic Economic Concepts

- Basic Economic Concepts Introduction
- Scarcity
- Resource Allocation and Economic Systems

- Production Possibilities Curve
- Comparative Advantage and Trade
- Cost-Benefit Analysis
- Marginal Analysis and Consumer Choice

Module 02: Supply and Demand

- Supply and Demand Introduction
- Demand
- Supply
- Price Elasticity of Demand
- Price Elasticity of Supply
- Other Elasticities
- Market Equilibrium and Consumer and Producer Surplus
- Market Disequilibrium and Changes in Equilibrium
- The Effects of Government Intervention in Markets
- International Trade and Public Policy
- Supply and Demand Review

Module 03: Production, Cost, and the Perfect Competition Model

- Production, Cost, and the Perfect Competition Model Introduction
- The Production Function
- Short-Run Production Costs
- Long-Run Production Costs
- Types of Profit Maximization
- Firms' Short-Run and Long-Run Decisions
- Perfect Competition

Module 04: Imperfect Competition

- Imperfect Competition Introduction
- Basics of Imperfectly Competitive Markets
- Monopoly
- Price Discrimination
- Monopolistic Competition
- Oligopoly and Game Theory

Module 05: Factor Markets

- Factor Markets Introduction
- Basics of Factor Markets
- Changes in Factor Demand and Factor Supply

- Profit-Maximizing Behavior in Perfectly Competitive Factor Markets
- Monopsonistic Markets
- Factor Markets Review
- Factor Markets Module Exam

Module 06: Market Failure and the Role of Government

- Market Failure and the Role of Government Introduction
- Socially Efficient and Inefficient Market Outcomes
- Externalities
- Public and Private Goods
- The Effects of Government Intervention in Different Market Structures
- Inequality

Textbook and Materials

No textbooks required. All content is within Canvas.

- A calculator is recommended but not required
- Notebook or graphing paper
- Writing utensils
- A method to scan or take pictures of graphs drawn by hand

Optional Materials

The **AP Microeconomics Course and Exam Description** is a free material provided by College Board that outlines the skills and content taught within the AP Microeconomics course.

If you are interested in supplemental texts, the following are appropriate college-level resources that support the AP Microeconomics Course and Exam Description from College Board:

- Greenlaw, Steven A., and David Shapiro. **Principles of Micro-economics**. Houston, TX: OpenStax.
- Anderson, David, and Margaret Ray. *Krugman's Economics for the AP® Course.* New York, NY: Worth Publishers.

You may also consider the following optional test prep materials:

- *5 Steps to a 5: AP Microeconomics*, McGraw-Hill Education
- *Cracking the AP Economics Micro & Macro Exams,* The Princeton Review

- *Barron's Test Prep AP Microeconomics/Macroeconomics*, Barrons Educational Series

The books will act as an **extra** resource. While recommended, they are not required in order to complete the course.

Technical Requirements

- Internet access – preferably high speed (for accessing Canvas)
- browser (we recommend Chrome)
- supported browser plugins and settings
  The following plugins and settings may be required to use our courses.
  - JavaScript enabled
  - Cookies enabled
  - Java installed
- Email
- Printing capabilities
- Adobe Reader (download from Adobe)
- Audio and video capabilities (for watching/listening to course content)
- PDF app (free options available)

Technical Skill Requirements

Be comfortable with the following:

- accessing online learning materials via Canvas
- Internet search engines and browsers (we recommend Chrome)
- uploading assignments into Canvas (there will be instructions for uploading assignments)

Course Pacing

This course is designed to be completed in 18 weeks.

- Print this guide and use a calendar to fill in your goal dates for completing each Module.

- To achieve success, students are expected to submit work in each course weekly.

- Students can learn at their own pace; however, "any pace" still means that students must make progress in the course every week.

- Post the pace guide in a place where you and your Parent or Guardian will see it every day (on the refrigerator or next to the computer). Give yourself a check every time you complete a task, and celebrate your efforts!

Weeks	Lessons	Due Date *(you write this in)*
1	01.00 Basic Economic Concepts Introduction 01.01 Scarcity 01.02 Resource Allocation and Economic Systems 01.03 Production Possibilities Curve	
2	01.04 Comparative Advantage and Trade 01.05 Cost-Benefit Analysis 01.06 Marginal Analysis and Consumer Choice	
3	*01.08 Basic Economic Concepts Module Exam 02.00 Supply and Demand Introduction 02.01 Demand 02.02 Supply	
4	02.03 Price Elasticity of Demand 02.04 Price Elasticity of Supply 02.05 Other Elasticities	
5	02.06 Market Equilibrium and Consumer and Producer Surplus 02.07 Market Disequilibrium and Changes in Equilibrium 02.08 The Effects of Government Intervention in Markets 02.09 International Trade and Public Policy	
6	02.10 Supply and Demand Review *02.11 Supply and Demand Module Exam Part A and Part B 03.00 Production, Cost, and the Perfect Competition Model Introduction 03.01 The Production Function	
7	03.02 Short-Run Production Costs 03.03 Long-Run Production Costs 03.04 Types of Profit	
8	03.05 Profit Maximization 03.06 Firms' Short-Run and Long-Run Decisions 03.07 Perfect Competition	
9	*03.09 Production, Cost, and the Perfect Competition Model Module Exam Part A and Part B 04.00 Imperfect Competition Introduction 04.01 Basics of Imperfectly Competitive Markets	
10	04.02 Monopoly 04.03 Price Discrimination 04.04 Monopolistic Competition	

Weeks	Lessons	Due Date *(you write this in)*
11	04.05 Oligopoly and Game Theory *04.07 Imperfect Competition Module Exam Part A and Part B 05.00 Factor Markets Introduction	
12	05.01 Basics of Factor Markets 05.02 Changes in Factor Demand and Factor Supply 05.03 Profit-Maximizing Behavior in Perfectly Competitive Factor Markets	
13	05.04 Monopsonistic Markets 05.05 Factor Markets Review *05.06 Factor Markets Module Exam 06.00 Market Failure and the Role of Government Introduction	
14	06.01 Socially Efficient and Inefficient Market Outcomes 06.02 Externalities 06.03 Public and Private Goods	
15	06.04 The Effects of Government Intervention in Different Market Structures 06.05 Inequality 06.06 AP Practice Exam Part A and Part B	
16	06.08 Market Failure and the Role of Government Module Exam *06.09 Final Exam Part A and Part B	
17	Floating Vacation Week	
18	Floating Vacation Week	

Course Credit

Your grade will be calculated as follows:

- formative assessments (50%)
- summative assessments (20%)
    - *01.08 Basic Economic Concepts Module Exam
    - *02.11 Supply and Demand Module Exam Part A and Part B
    - *03.09 Production, Cost, and the Perfect Competition Model Module Exam Part A and Part B
    - *04.07 Imperfect Competition Module Exam Part A and Part B
    - *05.06 Factor Markets Module Exam
    - *06.09 Final Exam Part A and Part B

- summative final exam (30%)

Assignments are labeled as “summative” or “formative” under Grades in Canvas.

Course Completion and Extensions

- Students may not complete the course in less than 30 days.
- All courses expire 180 days after the enrollment date.

Academic Integrity

It is the aim of the faculty of Texas Tech University to foster a spirit of complete honesty and high standard of integrity. The attempt of students to present as their own any work not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offenders liable to serious consequences, possibly suspension.

“Scholastic dishonesty” includes, but is not limited to, cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, and any act designed to give unfair academic advantage to the student (such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor) or the attempt to commit such an act.

Artificial Intelligence (AI) Use Policy

This policy covers any generative AI tool, such as ChatGPT, Elicit, Photo Math, etc. This includes text and artwork/graphics/video/audio, etc.

All work submitted in this course must be your own. You may not use artificial intelligence tools to complete your assignments in this course.

If an instructor suspects that an assignment is not the work of the student, it will receive a score of zero. The instructor will message the student or provide feedback on the assignment indicating the need to schedule a one-on-one video conference, during which the student will be required to demonstrate their skills or knowledge through an alternative or mutually agreed-upon assignment. The grade of the alternate or agreed upon assignment will be determined at the instructor’s discretion with the highest possible score being 70%.

If it is determined that a student has violated final exam directions on Final Exam A or CBE Set 1, the exam will be scored as zero. The student may take Final Exam B or CBE Set 2 with the highest possible score being 70%.

The incident will be reported to Texas Tech K-12 Administration and documented in the student’s file. Continued violations of Texas Tech University’s Academic Integrity Policy will result in the removal of the student from the program.

Student/Parent Expectations

You will be expected to log into the Canvas course regularly to be aware of possible announcements/reminders and to pace your student's progress in the course.

The following are prohibited while using the Canvas interface:

- spamming;
- hacking; and
- using TTU or Canvas email for commercial purposes;

Inappropriate behavior shall result in consequences ranging from a request to correct the problem, to removal from the course or even the university, depending on the severity of the behavior. Disciplinary actions will be taken according to the TTU K-12 Student Handbook.

Communication

- You can expect a reply from your instructor within 2 business days.
- Use the Canvas Inbox for sending messages to your instructor.

Submitting Assignments

You will submit all assignments through Canvas, rather than by mail or email.

Technical Difficulties

Getting Help

For student assistance with Canvas, visit TTU K-12 Support.

Computer Problems

A working computer is necessary for online coursework. Computer problems will not be accepted as a valid reason for failure to complete course activities within the allotted time frame. Identify a second computer, before the course begins, that you can use if you experience computer problems.

Server Problems

When the Canvas server needs to be taken down for maintenance, the Canvas administrator will post an announcement in your course informing you of the time and date. If the server experiences unforeseen problems, your course instructor will notify you.

Lost or Corrupted Files

You must keep/save a copy of every project/assignment on an external disk or personal computer. In the event of any kind of technology failure (e.g., Canvas server crash or virus infection, students' own computer problems, loss of files in cyberspace, etc.) or any disputes, the instructor may request or require you to resubmit the files. In some instances, the instructor may need to open another attempt within Canvas, so communication with your instructor is critical in these circumstances.