

Metropolitan Business Academy

Economic Mathematics Syllabus

Access & Contact Information:

Instructor:		Mr. Lin	
Google Drive:	https://tinyurl.com/LinEconomics	Google Classroom:	Class code: bq1a164
Email:	harriuslin@gmail.com	Remind:	@linecomath

Course Description:

This course is designed for students who completed Algebra I and Geometry. The course will provide an overview of the topics essential to the understanding of finance, microeconomics, and macroeconomics. Students will investigate economic problems through quantitative and qualitative inquiry. Students will learn to use charts, graphs, and tables to examine the principles of economics.

Course Sequence:

The course includes several units; the following is an approximate timeline indicating when particular units are taught.

Trimester I - Finance and Capital Markets	<ul style="list-style-type: none"> • Interest and debt • Housing • Inflation • Taxes • Stocks, bonds, and other investment vehicles
Trimester II - Microeconomics	<ul style="list-style-type: none"> • Basic economic concepts (part 1) • Supply, demand, and market equilibrium • Elasticity • Consumer and producer surplus and market interventions • Forms of competition
Trimester III - Macroeconomics	<ul style="list-style-type: none"> • Basic economic concepts (part 2) • Economic Indicators and the business cycle • National income and price determination • Financial sector • Long-run consequences of stabilization policies

Attendance & Tardiness:

As in college or at a career, you are expected to arrive to class prepared and on time each day. **If you are absent, you are responsible for making up missed assignments.** If you are aware that you are going to be absent, please check-in with Mr. Lin, our class Google drive, our Google classroom, and other students on what note and assessments you will miss.

Honors Contract:

You have the opportunity to receive honors credit for this class if you choose. To receive honors credit, you will need to complete a research project on the yield curve. The research project must present charts, graphs, and tables to examine the competency of the yield curve as a tool to predict the recession for **at least** the past 50 years. Failure to meet the honors requirements and to complete the honors project **on time** will result in termination of the honors contract and make one only eligible for the regular class credit.

21st Century Competencies:

- (1) Problem Solving and Critical Thinking
- (2) Accessing and Analyzing Information
- (3) Communication and Collaboration
- (4) Creativity and Innovation
- (5) Initiative, Self-Direction, and Accountability
- (6) Citizenship and Responsibility

Performance Task Chart:

Title of Major Performance Task	21st Century Competencies met by Performance Task
Mastery Quizzes (9)	1,2,5
Application Projects (3)	1,2,3,4,5,6
Midterm: Financial Future Plan	1,2,3,4,5,6
Final: Business Plan	1,2,3,4,5,6

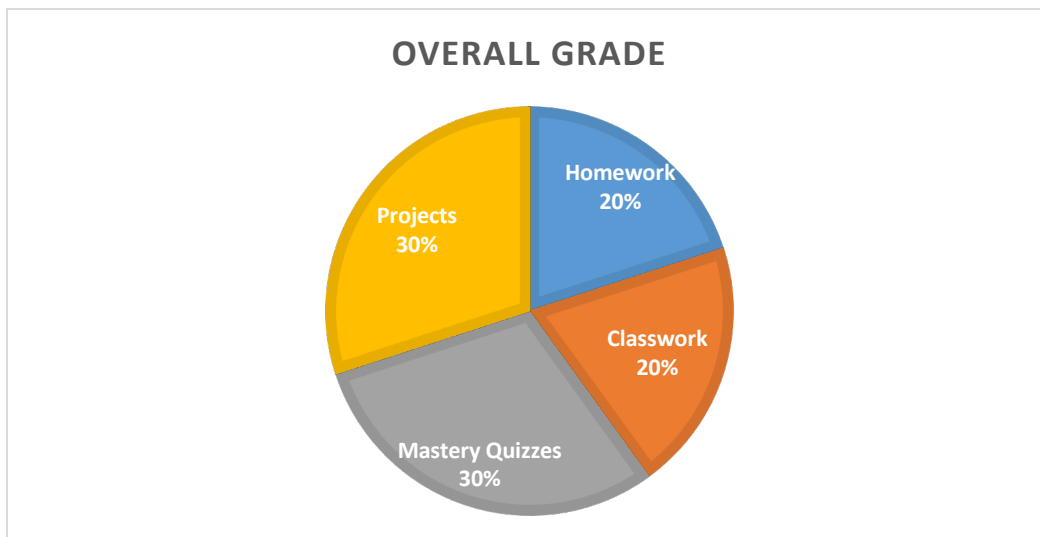
Portfolio Criteria:

In order to “pass” this course, students must have evidence of the following in their portfolio:

- A. Completed all three Application Projects
- B. Completed all nine Mastery Quizzes
- C. Completed Midterm: Financial Future Plan
- D. Completed Final: Business Plan

Assessment Categories and Grading Breakdown:

Throughout the three trimesters, you will be assessed on your knowledge and understanding in the following ways:



Professional Conduct:

Students will receive a daily grade, which is a piece of the classwork grade, each day that they are present in class. The professional conduct grade is based on punctuality, electronic usage, in-class performance, classwork, and occasionally, organization checks. The grade is out of 4 points. For violations (tardiness, behavior, electronics), 1 point will be taken off the daily grade for each offense.

Mastery Grading (For Mastery Quizzes and Projects ONLY):

Mastery Language Abbreviations	Mastery Language	Progression to Meeting Standard	# Grade
XE	Exemplary	Exceeds Standard with Distinction	100
CO/XE	Competent/Exemplary	Exceed Standard	93
CO	Competent	Meets Standard	85
EM	Emerging	Approaches Standard (needs revision)	70
NY	Novice	Not Yet (needs revision)	60
NE	No Evidence	Not Much Evidence of Work Yet (needs to stay afterschool)	50
0	Zero	No Evidence of Work Yet (needs to stay afterschool)	0

For more information on our school wide policies about Mastery Based Learning and Grading, please reference the Metropolitan Business Academy Student-Parent Handbook and the Guiding Principles of Mastery Learning and Mastery Grading at www.metropolitanbusinessacademy.org.

Retakes:

You can only retake the following tasks in my class: Mastery Quizzes and Application Projects. With Mastery Quizzes, students are eligible for a retake only after they have edited all mistakes on the previous attempt. However, the mastery grade of any retake assessments will not exceed the grade of competent.

*** For a retake to count, it must be completed before the end of the trimester. ***

ABSENCE AND CHEATING POLICY:

You will be responsible for making up any work that you have missed when absent from class. All make-up work is due on the following class meeting for credit. With Mastery Quizzes missed due to absence, you will be responsible for making them up on YOUR time. Class time will not be given to make-up missed Mastery Quizzes or HW.

In regards to cheating, students caught cheating will receive a zero and a phone call home. Both the student who shares his/her work AND the person who copies it will suffer the same consequences. I expect you to do your work and to be sure no one can copy it. This applies to Mastery Quizzes, projects, and all other assignments for this class. If you work together on the homework, please put their name on your assignment too. However, each of you still has to turn in your assignment.

****Remember, through hard work, you can achieve anything in life. Give it your best, and you will eventually be rewarded****

By signing this document, I have read and understand the policies, procedures and rules of this classroom.

STUDENT SIGNATURE:

DATE:

PRINT STUDENT NAME: