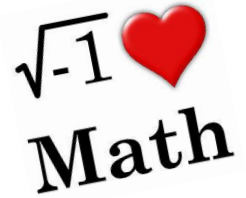


MA2050 – Quantitative Decision Making Syllabus

FALL 2022



All course materials including due dates, assignments, grades, and more are available on Brightspace

Pearson's MyMathLab

- **Registration on the first day of class**
 - All assignments are on this program
 - You are responsible for the access code for MyMathLab.
 - Homework questions have unlimited attempt.
 - Quizzes may be taken 3 times
 - There is a midterm and a final exam

What You Need

Requirements:

- ✓ MyMathLab access
- ✓ Scientific Calculator
try free site www.desmos.com
- ✓ 700# (or school ID)



By Enrolling You Agree To

- ✓ This syllabus
- ✓ Read all course information provided under Course Resources in Brightspace
- ✓ Check announcements & email daily
- ✓ Attend all classes
- ✓ Take exams on scheduled date
- ✓ Respect all deadlines
- ✓ Submit your own work

Course Info

- **Prerequisites: Can I enroll?**
 - You must have a grade of C or higher in MA1010 (or equivalent) or be placed into this class
 - If you have any doubts or questions, contact your advisor asap.
- **Course Objective**
 - Designed to fulfill the liberal education math proficiency requirement
 - Geared toward the non-STEM student
 - Intended to improve student's quantitative literacy and reasoning skills.
- **Course Description**
 - Designed to improve quantitative skills that students use daily
 - Provides essential skills that factor math into everyday life
 - Quantitative methods can be used for calculating tips, understanding interest rates and critical thinking
 - Applications to real-life problems are explored, as well as decision tools for individuals and society.
 - Topics include personal loans, insurance, probability & statistics, basic algebra & numbers in the news.

**A syllabus is one of
your biggest resources.**

MyMathLab

What eBook are we using?

A Survey of Mathematics with Applications,
11th edition by Angel



Get your access code for the program

- On the first day of class, we will help you register for MyMathLab during orientation.
- The cost for the access code is your responsibility.
- When you create an account in MyMathLab, you will need a course ID and an access code (which can be temporary for 14 days.)
- All assignments and tests can be found within MyMathLab.
- Deadlines for these assignments are set every week to help keep you on track.
- If you forget your username or password for MyMathLab, please use their chat feature to re-set it.

You need a
C
or better to
get your math
proficiency.

	%
A	94-100
A-	90-93
B+	87-89
B	84-86
B-	80-83
C+	77-79
C	74-76
C-	70-73
D+	67-69
D	64-66
D-	60-63
F	0-59



How Will I Be Graded?

15% Online Homework

"Infinite tries" allowed with a one-week 10% penalty extension. Helps tools available for each problem.

15% Online Quizzes

3 attempts allowed with a one-week 10% penalty extension. No helps tools on these, but all questions come from the accompanying homework assignment. Look back to figure them out!

10% Lab Time

30% Midterm Exam

Exams are proctored & password protected on campus on MyMathLab. There are no makeups unless there is an extenuating, documented circumstance & we are notified on test day. All work must be shown in the provided blue book in an organized manner in order to be considered for partial credit. No assistance is allowed during an exam (i.e., asking questions, notes, cell phones, etc.)

30% Final Exam

One cumulative final exam. All testing rules above apply.



Is there Extra Credit?

- **The more time you spend doing your work in the math lab, the better.**
 - You can spend your time quietly working in the math lab. If you have a question, one of our professional tutors will be happy to help you.
 - Every minute you spend in the math lab converts to a score which is 10% of your grade. That can mean the difference between a B+ or an A. Take advantage of it!
- **Pretests**
 - Get 100% on these!
 - Pretests help you prepare for tests!
 - All of the exam questions come from the pretests.
 - Pretests are set up like homework assignments where you have infinite attempts.

Other Important Things

- **Withdrawals**
 - Students can complete a withdrawal request online and send it to their instructor by the college's official last date for withdrawals.
- **Incomplete**
 - An incomplete will only be given in the case where the student is passing the course and cannot take the final exam due to an extraordinary, documented circumstance.
- **Covid Q&A**
 - Please use the following link to get more information
 - <https://www.oldwestbury.edu/covid>

"It only takes a moment to make a moment. Make the most of yours!"

How Hard Is This Class?

IT DEPENDS ON YOUR LEVEL OF COMMITMENT

- **Check your email/announcements daily**
- **Plan your deadlines in advance**
- **Come to math lab often and ask for help**
- **Utilize provided resources and help tools in MyMathLab**
- **Contact your professor early on if there are any issues**
- **Contact the director of the program, Professor Bernstein as well, if you need to discuss anything.**
- **Don't miss class and be on time**
- **Practice, practice, practice! ☺**

Expectations

✓ BE PREPARED

Review material before class. You'll be surprised how much more you will understand by doing so. You don't need to know everything! Give it your best effort!

✓ PUT IN THE TIME

College work requires more complex and deep levels of understanding than previous courses, this takes more time than you think. Schedule your time well and plan far ahead.

✓ DON'T STRUGGLE ALONE

Feeling lost is a terrible feeling. Know when and how to reach out: discuss with peers, meet with your professor or ask a tutor in the math lab.

We are here for YOU!

Topics To Be Covered

- **CHAPTER 1**
 - ❖ 1.1 Inductive & Deductive Reasoning
 - ❖ 1.2 Estimation Techniques
 - ❖ 1.3 Problem Solving Procedures

- **CHAPTER 8**
 - ❖ 8.1 Points, Lines, Planes & Angles
 - ❖ 8.2 Perimeter & Area

- **Chapter 10**
Managing Money
 - ❖ **10.1 Percent**
 - ❖ **10.2 Personal Loans & Simple Interest**

- **CHAPTER 11**
 - ❖ 11.1 Empirical & Theoretical Probabilities
 - ❖ 11.2 Odds

- **Bennett**
 - ❖ 4A Managing Money, Credit Cards & Budget
 - ❖ 7D Life Expectancy
 - ❖ 11C Math & the Arts

- **Financial Literacy**
- **Module #1 Psychology of Money**
- **Module #2 Foundations of Money**



Academic Integrity

▪ What exactly is cheating?

- Using online calculators, apps, or websites to obtain answers.
- Asking a tutor (or anyone) to do a problem FOR you.
- Copying any answer or solution when you did not do the work yourself.

▪ How do I avoid cheating?

- Write down every problem on paper and show your work.
- Focus on understanding why and how something works, not just the final answer.
- Start assignments early, don't wait until the last minute.

➤ ***Most importantly, ask for help when you need it!***

▪ What happens on a test?

- Tests are taken in the Math Redesign Lab on MyMathLab. The dates for all exams can be found on your detailed schedule in Course Resources within Brightspace.
- Tests are proctored and password protected.
- There are no makeups unless there is an extenuating, documented circumstance & we are notified on test day.
- All work must be shown in the provided blue book in an organized manner in order to be considered for partial credit.
- No assistance is allowed during a test (i.e., asking questions, notes, cell phones, etc.)

➤ **All of these measures are in place to help you focus on the test and do your best!**

▪ Why does it matter if I cheat?

- Academic integrity is one of the most important principles for a university or college.
- Taking pride in your work and owning the material when you study are characteristics that you can take into the workplace and use in your life, in general.
- Being fair to your fellow classmates provides an equitable environment for all.
- In addition, academic dishonesty is a serious matter which is reportable.
- When in doubt about academic integrity, speak with your instructor and/or the director of the program.

▪ What happens if I cheat?

- Refer to the full college policy on academic integrity at

<https://www.oldwestbury.edu/policies/academicresearch/policy-academic-integrity>



Campus Resources



▪ **Tutoring**

- Your best resource is to visit the Math Redesign lab as often as you can. Not only is it a quiet and welcoming place to do your work, but there are tutors there to help you if you need it! 10% of your grade is based on how much time you spend there, so it's a great way to get extra credit! Swipe in and out using your 700# and join the fun!
- You also have access to help tools within MyMathLab; View an Example, Help Me Solve This are to name just a few!
- SmartThinking is also available within the homework questions and will connect you to a tutor to chat.

▪ **Masks**

- To protect the health of everyone in this class, all students are required to wear a mask while inside campus buildings. Your mask must adequately cover both your nose and mouth. This is in keeping with the College's Covid policy (all students, faculty, staff and visitors no matter their vaccination status will be required to wear face masks in all indoor spaces). A student who comes to class without a mask will be required to leave to obtain one before returning to class. A limited number of masks may be available at designated locations on campus. Any student who refuses to wear a mask may not enter the classroom nor participate in the class. There will be no exemptions or waivers of the 100% compliance mask policy. Continued refusal to wear a mask or face covering will be reported to the Office of Student Conduct. Masks are for both your own and for others' safety and wellbeing- please remember our campus commitment to care for each other, to Defend the Den, and take this simple step to protect yourself and our OW community.

▪ **Special Accommodations For Students With Disabilities**

If you have a physical, psychological, medical or learning condition that may impact your course work, please contact Stacey DeFelice, Director, Office of Services for Students with Disabilities (OSSD), NAB 2065, Phone: [516-628-5666](tel:516-628-5666), Email: defelices@oldwestbury.edu.

The office will help you determine if you qualify for accommodations and assist you with the process of accessing them. All support services are free and all contacts with the OSSD are strictly confidential. SUNY Old Westbury is committed to assuring that all students have equal access to learning activities and social activities on campus. <https://www.oldwestbury.edu/academics/support/OSSD>

▪ **Writing Center**

- Visit the Writing Center for help brainstorming or organizing your ideas or for feedback on a draft. You can make an appointment for an online session at <https://oldwestbury.mywconline.com>. Phone: (516) 876-3093

More Free Campus Resources

BASIC NEEDS STATEMENT

Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact the Dean of Students for support at (516)876-3067 or Student Union 303. The College's Panther Food Pantry offers food and personal care items to the campus community in Student Union 301B. The service is anonymous, OW ID is not required. The Pantry website is <https://tinyurl.com/yb36bdxc>

COUNSELING RESOURCES

As a college student, there may be times when personal stressors interfere with your academic performance or negatively impact your daily life. If you or someone you know at this college is experiencing mental health challenges, please call the Counseling and Psychological Wellness Services at 516-876-3053 or email us at counselingcenter@oldwestbury.edu. We're located at the Student Union, Lower Level, Suite 100, and are open Monday to Friday, 9am to 5pm. All services are entirely free and confidential. Students may choose to receive counseling services either in-person, by phone or via video-chat.

If a crisis situation occurs after hours, contact a Residential Director. The University Police, at 516-876-3333, will also be able to offer assistance. The National Suicide Prevention Lifeline also offers help 24/7, and can be contacted at 1-800-273-8255.

TITLE IX, SEXUAL DISCRIMINATION, HARASSMENT AND VIOLENCE

SUNY Old Westbury prohibits sexual discrimination, harassment and violence, and will promptly respond to all complaints. The purpose of Title IX is to prevent sex discrimination on campus, address reported assaults and incidents, limit the effects of harassment on the educational environment, and prevent its recurrence. If you or someone you know believes they have been subjected to sexual discrimination, harassment or violence, help is available. To report or for more information please visit <https://www.oldwestbury.edu/title-ix>, please contact the Title IX coordinator, Deputy Title IX coordinator or University Police at 516-876-3333. Confidential resources and support are also available from the counseling professionals in the Counseling & Psychological Wellness Services department, located in the Student Union Lower Level Room LL100 (off the Rotunda) at 516-876-3053.

Stephanie Iaccarino, CRC (Faculty/Staff/Student Reports)

Deputy Title IX Coordinator

Campus Center H-418B

Phone: 516-876-2740

Email: iaccarinos@oldwestbury.edu

