Syllabus - Math 208 Section 202

Quantitative Models for Business - Spring 2021

Tuesday and Thursday at 6:30PM – 8:20PM - Online

|  |  |
| --- | --- |
| **Instructor**: Gary Dalton | **Format**: Synchronous online (link on Canvas) |
| **Email**: [gdalton@uwm.edu](mailto:gdalton@uwm.edu) | **Canvas**: <https://uwmil.instructure.com/courses/371212> |
| **Telephone:** | **Text**: *College Mathematics for Business, Economics, Life Sciences, and Social Sciences*. Barnett, Ziegler, Byleen, Stocker. 14th Edition Pearson Publishing ISBN 9780134674148 |
| **Office Hours**: Tentative **Tues, Thur:** 2:00-4:00PM |
| **Revised:** 1/19/2021 |
| *This syllabus may be revised as needed. All revisions will be announced on Canvas.* | |

# Purpose

The course is designed for those entering the business school. It covers graphing, systems of linear equations, probability, derivatives, and basic optimization.

# Required Materials

* The textbook, *College Mathematics for Business, Economics, Life Sciences, and Social Sciences*. Barnett, Ziegler, Byleen, Stocker. 14th Edition Pearson Publishing ISBN 9780134674148
* A calculator with basic operations to include: *ln, log, e, n!, nC, nPr*. Some examples are TI-36X, TI-BA II, and most graphing calculators.
* Access to MyMathLabs. Usually, this comes with the textbook.

# Prerequisites

* C or better in MATH 105, 108, or 116
* 5+ IB Math – SL, 3+ AP statistics exam, 63+ CLEP College Algebra Exam, ACT math 28+, ACT math 25+ & 4 units HS math, SAT math 670+, or SAT math 590+ & 4 units HS math.

# Attendance

This is a synchronous online class. Class meetings will be held in Canvas at the scheduled times, attendance is expected and tracked. Students are expected to have a computer, internet, microphone/speakers, and webcam available for class participation. Students without a webcam please contact the instructor ASAP for potential accommodations.

If you know that you will miss a class, contact the instructor in a timely manner. Students with personal emergencies, religious holidays, legal obligations, military duty, etc. may request accommodations (excuses, extensions, etc.) for attendance, homework and exams or other assignments. These requests must be to the instructor in writing and you may be requested to provide documentation.

# Canvas and Email

All class information (homework, class cancellations, etc.) will be posted in Canvas; some will be posted only there. **You are responsible for any information posted on the Canvas, so please check it frequently.**

Email is a primary means of direct communication. Since everything is virtual, **you must regularly check your uwm.edu email address**.

# Lecture/Discussion

This course session includes both discussion and lecture. To best accommodate this format virtually,

* Discussion, open questions, quizzes, group work, and general problem-solving will occur during the first half of class.
* After a short break, the lecture portion will begin. This may include pre-recorded videos available on Canvas for both lecture segments and guided problem-solving. There will be opportunity to interrupt these segments with questions or to ask for clarifications.
* Our class sessions will be audio-visually recorded for students who are unable to attend at the scheduled time. Students who participate with their camera engaged or who utilize a profile image are agreeing to have their audio/video or image recorded. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded.

# Homework

Homework will be regularly assigned. There will be two types, those that are completed using MyMathLabs and about 3 problems that are submitted via Canvas. You will be given the MyMathLabs code during the first day of classes.

The problems submitted via Canvas are to assess your skills working to a solution. Take a clear picture of your homework and submit it as a PDF. Other file types will not be accepted.

Full credit homework must be turned in prior midnight on the due date. Late homework will be accepted up until the covering exam, but the maximum points awarded will be reduced.

Grading is based on completeness and demonstration of work. Homework is designed to help you learn the material. Mostly, I will not make many comments on your homework and expect you to review the solutions. Some solutions may be reviewed in class. Each assignment will be graded on a 4-point rubric:

* 4 points if all answers are correct and work is shown
* 3 points if essentially correct with only minor errors (usually numerical)
* 2 points if the outline of the problem is present but there are logical or algebraic errors
* 1 point if an attempt has been made but no strategy or use of a formula are presented
* 0 points if no work presented.

# Extra Credit

Supplemental Instructions (SI) is offered for this class. Our S.I. leader is Halle Berres, [htberres@uwm.edu](mailto:htberres@uwm.edu). Halle worked with my Math 208 sections this past fall and did an excellent job tutoring students and presenting practice tests for each of our tests and the final exam. Students were extremely pleased with Halle's contributions to their success

**10 points for completing 10 weeks of SI.**

Other extra credit opportunities may become available throughout the semester. These will be noted by Canvas announcement.

# Grades/Exams:

|  |  |  |  |
| --- | --- | --- | --- |
| Exam 1 | 100 |  | February 18 |
| Exam 2 | 100 |  | March 18 |
| Exam 3 | 100 |  | April 11 |
| Final Exam | 200 |  | May 18 |
| Attendance and Participation | 15 |  | I take attendance every class and note participation |
| Quizzes | 5 |  | 5 quizzes, 1 point for submitting in Canvas |
| Homework | 80 |  | 23 assignments worth 4 points each (drop 3 worst) |
| **TOTAL** | **600** |  |  |

* All tests including final exam must be taken on scheduled dates.
* There will be no make-up tests except for medical emergencies or family emergencies.
* Written documentation of emergencies will be required.
* All requests must be presented to Mr. Dalton.
* No exam scores will be dropped

## Semester-end grades

The final exam grade will not be posted to Canvas. The letter grade results for the semester will only be noted in PAWS and are based upon the following grading scale:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | 93 – 100 |  | **C-** | 70 – 72 |
| **A-** | 90 – 92 |  | **D+** | 67 – 69 |
| **B+** | 87 – 89 |  | **D** | 63 – 66 |
| **B** | 83 – 86 |  | **D-** | 60 – 62 |
| **B-** | 80 – 82 |  | **F** | 59 or below |
| **C+** | 77 – 79 |  | **F0 through F16** | |
| **C** | 73 – 76 |  |  |  |

# Important Dates

|  |  |  |  |
| --- | --- | --- | --- |
| **Jan 25** | First day of classes | **Apr 11** | Last day to drop a class |
| **Feb 1** | Last day to add Math class | **May 13** | Last day of class |
| **Feb 5** | UWM last day to add, last day to change to/from cr/no cr/audit status | **May 14** | Study day |
| **Feb 21** | Last day to drop without a "W" on record | **May 18** | Final Exam |
| **Mar 21-28** | Spring Recess |  |  |

# Time Commitment

The minimum amount of time a student should expect to spend on this class is:

1. 27 Lecture hours
2. 27 hours in Discussion
3. 8 hours taking exams and quizzes
4. 90 hours completing assignments
5. 50 hours for preparation and study

This is a minimum; therefore, some students may need to spend more time outside of class doing course-related work to be successful.

# Other Policies:

UWM Syllabus policies can be found here: <http://www.uwm.edu/Dept/SecU/SyllabusLinks.pdf>

* If you feel you are a student with a disability, please feel free to contact me early in the semester for any help or accommodations which you may need.
* The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonestly.  Students are responsible for the honest completion and representation of their work. Further information can be found at: <http://www4.uwm.edu/acad_aff/policy/academicmisconduct.cfm>
* Sexual harassment is reprehensible and will not be tolerated by the University. Further information can be found at: <http://www.uwm.edu/Dept/SecU/SyllabusLinks.pdf>.
* According to university policy, students must take the final exam at the given time in the location that will be determined before the semester ends.