

Grading and Class Policies¹
FOUNDATIONS OF MATHEMATICS
DR. M. P. M. M. M^CLOUGHLIN
FALL 2017

LAST REVISED 2017-08-15

Class Time & Place: 2:00 p.m. - 2:50 Monday, Wednesday, & Friday Lytle 214 Section: 010
Office: 265 Lytle Hall **Office phone:** (610) 683-4403 **Office facsimile:** (610) 683-4765
Office Hours (tentative): 10:00 a.m. - 10:50 p.m. Monday, Wednesday, and Friday; 3:00 p.m. - 3:50 p.m. Monday & Wednesday. In addition on may meet with me in my office by appointment which must be scheduled at least 24 hours in advance.

E-mail: mcloughl@kutztown.edu

Web page: <http://faculty.kutztown.edu/mcloughl/Math224.html>

Entrance into this class: Pre-requisite of Math 181 (Calculus I) with a 'C' or better; or, consent of the instructor. It is best taken in the Sophomore year.

Grading:

The student's grade is computed on the basis of a comprehensive final (I believe it is scheduled for **8:00 a.m. on Wednesday 13 December 2017**); board presentations; three tests (Two in-class; one out-of-class). Test particulars will be announced at least a week in advance of being administered during the semester; and, quizzes/take home exercises/other assignments.

The value of each test is **10%** of the student's total grade; the value of the required presentations is **30%** of the student's total grade; the value of the quizzes/take home exercises/other assignments will total **10%** of the student's total grade; and, the value of the final is **30%** of the student's total grade.

Grading Scale:

The student's grade is greater than or equal to 91%	"A "
The student's grade is greater than or equal to 90%, and less than 91%	"A-"
The student's grade is greater than or equal to 87%, and less than 90%	"B +"
The student's grade is greater than or equal to 81%, and less than 87%	"B"
The student's grade is greater than or equal to 80%, and less than 81%	"B-"
The student's grade is greater than or equal to 77%, and less than 80%	"C+"
The student's grade is greater than or equal to 70%, and less than 77%	"C"
The student's grade is greater than or equal to 60%, and less than 70%	"D"
The student's grade is less than 60%	"F"

Extra Credit: No extra credit is administered at any time, no grade is dropped, nor is there a curve. If the entire class earns an "A," that is fine, and if the grades are evenly dispersed or seemingly below par, that also can occur.

The grade the student *earns* is entirely based on his performance on the tests, quizzes, presentations at the board, and the final.

¹This course is taught via a strong inquiry-based learning (IBL) method known as the Moore Method. If you do not wish to inquire or prefer a lecture-based learning method; then, another section of this course may be more to your liking because IBL takes time and patience. Students are adults and not children so they are treated as adults. Roll is *not* taken; the student is not spoken to in a demeaning or inferior manner (talked 'down' to or babied), etc.

Make - up tests or quizzes are administered for students that miss the test date due only to the following reasons:

excuses in which arrangements must be made prior to the test: University- related activity example: Graduate School Tour (graduating seniors only please - try to keep it to two per semester (if possible)), university required function for a major, sports team member is required to leave with team for out- of - town game,, or a job interview (graduating seniors only - two per semester only); and, excuses in which arrangements must be made as soon as possible: hospitalisation of student (the student must supply the hospital record to me indicating entry and exit date, please) or the death of a spouse, sibling, or parent (the student should supply the funeral notice to me).

All make-up work must be completed within seven (7) calendar days of the student's return. Otherwise, the student will earn a zero (0) for the assignment.

There are no opportunities for a make - up for an assignment if: the bus ran late, met with another instructor during testing period car would not start, had an appointment elsewhere (i.e. doctor, dentist, etc.) clock did not go off, student wasn't ready for the test, student went to the Infirmary, etc. ad nauseam.

It is expected that students will maintain a professional decorum during class.

A student is required to present FOUR or more presentations of proofs, counterexamples, or examples during the semester. All presentations shall be graded for a student to earn the marks for the 'required presentations.' Any presentations of exercises that are not proofs, counterexamples, or examples or are beyond the 4 required presentations shall earn the student 1 mark per presentation. Presentations are graded on accuracy, completeness, rigour, originality, proper use of definitions, and logic. Presentations are not graded on 'elegance' or brevity. There are more board points available to earn through attendance at colloquia, symposia, etc.

During class meetings, all cell phones, tablets, beepers, computers, calculators, personal data devices, etc. shall be turned off and put away. They should not be used under any circumstances in class; unless prior approval is obtained (from me). If one is used, is visible, vibrates, or 'rings,' the student shall lose 10 points for the first infraction, 50 points for the second infraction, a letter grade for the third infraction, and if it occurs a 4th time, the student will earn an "F" in the class. If a student is expecting an urgent call; 'must' take a call; or, whatever the student should not be in class for he can not attend properly or he should leave class and call the party outside of the classroom environment. All of you are adults and are expected to act as such; you shall be treated as such.

The student is expected to attend all class periods. If there is a snow storm or other event such that the university is officially closed on a certain date the class **will be rescheduled** and the class period will be made up. There will be no cancellation of a class period that is not made up - mathematics takes time, repetition, reinforcement, and patient study - it is not a subject that can be dismissed with a 'reading assignment,' group project, or field trip nonsense as is done (improperly, in my opinion) other areas of academia.

The student is expected to be on time for all class periods.

If a student is not in the mood to attend class, then don't come (unless a quiz or test is scheduled). He is not doing himself or me any favours by attending and not participating in class.

The student is expected to use **pencil only** in this class. No work done in pen will be accepted.

The use of calculators and computers in this class is prohibited.

If a student misses a class where a test or quiz was not administered, he should seek out another student in the class to determine what was assigned during his absence, and then on his own catch up with the class. He should not come to me until after this has been done and the assignment attempted.

All homework assigned is to be completed by the next class period, unless otherwise noted. Students not completing the homework assigned or students late to class *will not be permitted* to request a review of exercises. If the student has completed the assignment, and he is on time for class, he may request a review of exercises he attempted, but did not complete for review from the previous homework before the beginning of the lecture for the day. Homework is not collected, it is a self-evaluative tool for the student to determine if the concepts presented have been mastered by the individual.

Mathematics is not a spectator sport. Watching Roger Federer or Serena Williams play tennis does not mean a person can then go out and play tennis. To play tennis, one must practice long and hard; likewise with math. Only hard work and perseverance lead to a successful mastering of the science of mathematics.

NOTE: Cheating is defined by a student's actions which include, but is not limited to, plagiarism, using "cheat sheets," copying another person's work, etc. It also includes discussing problems on the take home with other people, using a tutor, or working with another person on an assignment that is to be completed outside of class and is to be handed in for a grade.

If a student's ethic system (or lack thereof) includes the concept that cheating is allowable, I suggest most animatedly that he leave my section of the course because I will not tolerate such behaviour in my class. Learning requires objective, honest, and sincere inquiry.

If an individual is caught cheating the maximum penalty allowed by the University (see the Student Handbook) will be vigorously and enthusiastically pursued by the instructor.

A student does not 'win' by taking short-cuts; indeed he oft 'loses' since he does not know what is being discussed or debated. So, the student then has to cut more corners to cover for his inadequacies (or remediate but those looking for quick-fixes aren't the type to remediate since it requires *work* which is what the short-cut was used to avoid). So, a never-ending cycle of short-cuts, cramming, or cheating ensues and the more panic, anxiety, and frustration builds. This sort of behaviour does not work in this class - time and time again people who do such fail my course (they fail themselves) - mark these words for if one does follow the lazy path there shall probably not be a happy ending at the end of the semester (if the person lasts that long in the class).

I expect a student to be able to download material from the web page for this course:
<http://faculty.kutztown.edu/mcloughl/Math224.html>

Handouts, reaction papers, supplemental homework, exercise sets, etc. will be posted on the site as well as other supplemental materials.