

Math 154 Pre-Calculus II

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Instructor: Danielle Jacobson

Office: Black Hall 225-32

Office Hours: By Appointment or
from 10:00am-10:50am M-F.

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Course Description

A continuation of MATH 153 with emphasis on trigonometric functions, vectors, systems of equations, the complex numbers, and an introduction to analytic geometry.

Required Course Materials

- **Text:** Tim Britt, *PreCalculus*, Sullivan.
- **Calculator(s):** Scientific, TI-83, TI-84, and TI-85 are the only calculators that you will be allowed to use on exams in this course. I reserve the right to only allow scientific and TI-83 calculators on the second exam.
- **Suggested Materials:** Graphing Paper

Grading

Grades will be determined by the following weights:

Participation/In Class Handouts 10% Quizzes 25%

Exams 65% First Exam 15%, Second Exam 15%, Third Exam 15%, Final Exam 20%

Grades will be determined by the following scale (if .5 difference, I will round up):

93-100% = A	90-93% = A-	87-90% = B +	83-87% = B	80-83% = B -	77-80% = C +
73-77% = C	70-73% = C -	67-70% = D +	63-67% = D	60-63% = D -	Below 60% = F

Grade Updates

I will update grades every 1-2 weeks. These grades can be found in a spreadsheet under the “Grades” tab in Blackboard.

Participation/In Class Handouts

Attendance will account for part of the participation grade. You will begin the course with 50 attendance points. If you miss 4 classes-you lose 5 points, 5 classes- lose 10 points, 6 classes- lose 15 points, etc. So in general, graded or not, it is in your best interest to come to class. If you miss class it is your responsibility to get notes and find out what was covered or handed out in class.

Please note- there are attendance exceptions for good reasons. If you have a significant family/personal emergency I am more than happy to help you. If you have a medical issue I am happy to help you, as long as I receive a Dr.’s note. Either way, you need to communicate with me and let me know what is going on. Having a Dr.’s appointment during class nearly every week does not count as an exception.

We will do several in class handouts during the quarter. Completion and/or participation of these handouts will be recorded under the participation grade. I may collect these assignments and grade them on accuracy occasionally; this grade will also be included under the participation grade.

Please note that sleeping during class does not count as participating. Nor does working on random assignments when your classmates are doing in class handouts. Thus, point deduction will result in either event.

Quizzes

Quizzes will account for 25% of your grade. Typically, they will be open homework quizzes, however we will also have short “unit circle quizzes”, which are not open homework. Homework quizzes will be taken every Friday unless it is an exam week. Once the unit circle is introduced, unit circle quizzes will be taken about every other day until the class, as a whole, averages an 80% on them. CALCULATORS MAY NOT BE USED ON UNIT CIRCLE QUIZZES. We may have mini-projects. If we do they will be included in your quiz grade.

Exams

There will be three exams given in this course (not including the final). Each exam will be worth 15% of your grade. You will always get a list of what topics can be expected on the exams and I will give a study day in class before exams where I take any questions you have. Therefore, be sure to ask questions then (or come to my office more than a half an hour before the exam.)

Final Exam

The final exam will be cumulative and is worth 20% of your grade. You will receive a list of topics to expect on this exam and I will give you at least 1 class “study period”. Finals will be given during finals week, on the scheduled exam day, at the scheduled time. Please do not make plans to leave on vacation, etc. and expect to take the exam early, it will not happen unless there is a very extreme circumstance.

Make-up Exams/Quizzes

Will not be allowed unless there is a valid reason (i.e. emergency room trip, work/athletic/military requirements, family death, etc.). With medical emergencies there must be a Dr.’s note. With work/athletic/military I will need a note and contact info for your boss/coach/commanding officer. If there is a valid reason you missed, you must notify me of this reason within a day of the missed exam. If you know you are going to miss the exam early on (again, for a valid reason), let me know so we can set up a time for you to take it early.

Class Notes

It is necessary to take notes in class. If you need help during office hours, I am always happy to help. However, you must bring your class notes with you and/or show that you have put an acceptable amount of effort toward the content you are having trouble with.

Extra Credit

In general I do not give extra credit. However, if I do, it will be offered to the entire class. Please do not request exceptions.

Cheating

Is not allowed and will result in a failing grade. Cheating more than once will result in a report to Student Services.

Support Services

Students who have special needs or disabilities that may affect their ability to access information and/or material presented in this course are encouraged to contact the office of Disability Support Services on campus (963-2171). Also, please let me know if you need me to accommodate for a disability in anyway, I am glad to do so!

Important Dates:

January 20: No School, MLK Day

January 23: Test 1

January 29: No School Prof. Dev. Day

February 4: Test 2

February 14: Last day to withdraw

February 17: No school President’s Day

February 28: Test 3

I reserve the right to change the policies contained in this syllabus as dictated by developments during the quarter.

