

Math 154 Pre-Calculus II

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Office Hours: By Appointment or
from 2:00-2:50pm M-F.

Course Description

A continuation of MATH 153 with emphasis on trigonometric functions, the unit circle, solving trigonometric function, vectors, 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 or different branded calculators with similar features are the only calculators that you will be allowed to use on exams in this course.
- **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

We will do several in class handouts during the quarter. Completion and/or participation in these handouts will be recorded under the participation grade. I may grade the assignments based on attendance or collect them occasionally; this grade will also be included under the participation grade. You may turn in an in class handout if you missed class for an acceptable reason. Acceptable reasons include a significant family/personal emergency, documented medical issue (Dr.’s note), or a documented athletic/military/work event. Either way, you need to communicate with me and let me know what is going on.

Please note that sleeping, checking Facebook, texting, and working on other assignments do not entail participating on handout days. Thus, point deduction will result in any of those events.

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 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. This being said, you will be allotted one late quiz this quarter, no questions asked. If you choose to use your “late” you must make up the quiz within 2 class periods of missing it.

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 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:

April 8: Last day to add/drop

April 18: Test 1

May 9: Test 2

May 16: Last day to withdraw

May 26: No School Memorial Day

May 30: Test 3

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