

# MATH 123 - Trigonometry

## COURSE SYLLABUS

**INSTRUCTOR:** Brian Frazier  
**E-MAIL ADDRESS:** bpfrazier@olemiss.edu

**OFFICE:** Hume 210  
**OFFICE HOURS:** Monday 9AM – 10AM  
**TUTORING HOURS:** TTh 2PM – 3PM in Hume 326

**SOFTWARE/TEXT:** Trigonometry 11<sup>th</sup> Edition; Daniels, Callie | Hornsby, John | Lial, Margaret | Schneider, David; ISBN-13: 9780134217437, Publisher: Pearson

### LEARNING OUTCOMES:

- Students who successfully complete Math 123 will be able to work with angles in degree or radian measure, write the ratio definitions of the six trigonometric functions, evaluate trigonometric functions of special angles, sketch graphs of trigonometric functions, verify trigonometric identities, solve trigonometric equations, solve triangles by a variety of methods, and solve application problems using trigonometric functions and identities.

### HOMEWORK:

- Homework will be assigned for each section of material covered, and will count for a total of 100 points.
- There will be a PreTest for each testing module used to assess student proficiency of the information covered in each module. The PreTest will **not** count toward the student's grade, however, topic mastery in the PreTest will be reflected in the module's homework assignments. Thus a student who proves mastery of a topic in the PreTest will be given credit for that mastery in the homework assignments.
- Each PreTest can be taken once.
- **The PreTest is a prerequisite to access the homework assignments for each module. Each student is required to take the PreTest to access the homework for that test module.**
- The lowest homework assignment grade will be dropped at the end of the semester. The homework grade will be an average of the highest 23 completion percentages.
- Homework assignments will be done on the computer using the MyMathLab software.
- Homework assignments may be done as many times as needed before the due date, with only the best score counting toward the student's grade.
- Homework must be submitted by 11:59 p.m. on the due date. **There will be no extensions on homework due dates.**
- Homework assignments may be completed after their due dates until **Friday, May 5th, 2017** for half credit.

### TESTS and PRACTICE TESTS:

- There will be five (5) major tests during the semester taken in class each worth 100 points (500 points total).
- There will be a Practice Test for each of the five tests. The Practice Test is taken through the MyMathLab website.
- Practice Tests can be taken a maximum of **three** times. The highest score is kept. Each Practice Test is worth a maximum of 20 points for a total of 100.
- Students must prove mastery to take a Practice Test. To prove mastery, students must score a 90% or better on each homework assignment OR work through the associated Study Plan for each Practice Test.
- The purpose of the Practice Tests are to prepare you for the in class tests.
- Students must show all work for each test question in order to receive credit.
- Each test will count 100 points toward the student's final grade.
- If a test is missed for ANY reason, a grade of zero (0) will be given
- **THERE ARE NO MAKE-UP TESTS GIVEN FOR ANY REASON.**

- The percent correct on the final exam will replace the lowest of the five test grades IF the final exam score is greater than the lowest of the five test grades.
- Any student who must miss a scheduled test because of an official University function must reschedule and take the test at a time BEFORE the scheduled time of the exam. NO OTHER rescheduling will be allowed.

**FINAL EXAM:**

- The final exam is comprehensive and will count 200 points.
- Any student who must miss the final exam because of an official University function must reschedule the exam on some other mutually satisfactory date.
- Any student having three or more final exams scheduled for the same day will arrange with the instructor to take either the 12:00 p.m. OR the 7:30 p.m. exam on some other mutually satisfactory date.
- Every student must take the final exam at the time scheduled. The only exceptions are the students affected by the two situations above.
- An “I” grade will not be given without the permission of the Department of Mathematics.

**FINAL GRADE:**

- The cumulative total for the course is 900 points (100 HW, 500 Tests, 100 Practice Tests, 200 Final Exam). The following point scale will be used to determine your final grade:

<u>Grade</u>	<u>Points Necessary for Grade</u>
A	810 to 900
A-	792 to less than 810
B+	774 to less than 792
B	720 to less than 774
B-	702 to less than 720
C+	684 to less than 702
C	630 to less than 684
C-	612 to less than 630
D	540 to less than 612
F	below 540

**ATTENDANCE POLICY:** There is an attendance policy for this class.

- Students are allowed five (5) absences in a MWF section without penalty.
- Students are allowed three (3) absences in a TTh or MW section without penalty.
- Students who accumulate more absences than are allowed for their specific section will have ten (10) points deducted from their final point total FOR EACH absence above the limit for their respective section.
- Students must take the responsibility of telling the instructor in advance if they must leave early, and must discuss with the instructor immediately after class if they entered the classroom after class has begun. It is the student’s responsibility to make sure that their attendance record is correct.
- Attendance fraud is a form of academic dishonesty. Students engaging in fraud will fail the class and be reported to the university for further disciplinary action. If a student must leave class after signing in, it is the responsibility of the student to communicate with the instructor before class begins.
- If an emergency arises and a student must leave class after scanning in, then the student must notify the instructor within 24 hours of the end of class.
- Random attendance checks will be made in the form of role call at some point in class. If a student has been scanned into class using his or her student identification card but is not present for random role call, then that student will be found to have fraudulently attended class.

## TEST INFORMATION:

- Tests will be administered during regular class meetings in the regular classroom (not the Jackson Avenue Center).
- Each student will be given a maximum of fifty-five (55) minutes to complete the test.
- Under no circumstance will a late or make-up test be given to any student.

## CALCULATORS:

- Graphing calculators are welcome in this course. Please note, however, that calculators with a Computer Algebra System and/or a QWERTY keyboard are not allowed during tests. This includes, but is not limited to, TI-89, TI-92, Casio Algebra FX 2.0, and TI Multi-View calculators.
- Note that calculators are not permitted on certain tests, or parts of tests. Cell phone or iPod calculators may not be used during tests. If a student is caught using a cell phone or iPod calculator during a test, he/she will receive a grade of zero (0) on said test **that cannot be replaced**.

## ELECTRONIC DEVICES:

- All cell phones, pagers, and other electronic equipment should be turned off and put away during the class period.

## CHEATING:

- The following statement is the policy of the Department of Mathematics in MATH 123 regarding cheating:

Offenses: Cheating on any exam or quiz, theft or attempted theft of exam questions, possession of exam questions prior to an examination, or the use of an illegal calculator on tests shall all be offenses subject to appropriate penalties.

Penalties: The penalty for commission of any offense set out above is failure in the course and, subject to the approval of the Chancellor, dismissal or suspension from the University.

## WITHDRAWAL DEADLINE: **Friday, March 3<sup>rd</sup>**

- After the Course Withdrawal Deadline, courses dropped will be recorded on University records and the grade of W will be recorded if the student is not failing the course at the time of withdrawal; otherwise, the grade of F will be recorded. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency, as determined by the academic dean. Dropping a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student is changing his/her major.

## ACADEMIC NEEDS:

- It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will then be made by that office through the student to the instructor of this class. The instructor will then work with the student so that a reasonable accommodation of any disability can be made.