MATH 123 – Trigonometry Online

COURSE SYLLABUS

INSTRUCTOR: Jon-Michael Wimberly
E-MAIL ADDRESS: jwimberl@olemiss.edu

OFFICE: Hume 205
OFFICE HOURS: MW 2:30-4:30
TTh 1:00-3:00


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.

COMMUNICATION:

• Communication should be in person during office hours or via email. I will answer emails 8-5:30 Monday through Friday.

PRE-TESTS and LECTURE:

• There will be a Pre-Test for each testing module used to assess student proficiency of the information covered in each module. The Pre-Test will not count toward the student’s grade, however, topic mastery in the Pre-Test will be reflected in the module’s homework assignments. Thus a student who proves mastery of a topic in the Pre-Test will be given credit for that mastery in the homework assignments.

• Each Pre-Test will be taken once and is a prerequisite to access the homework assignments for each test. You must attempt the pre-test to access the lecture and homework!!

• Each section covered in the class includes a Lecture and Homework assignment. You must start with the Lecture assignment. In this assignment you will find a link to the lecture notes (PDF) and a link or links to lecture videos hosted on YouTube. You must access each link in the Lecture assignment to unlock the Homework assignment.

• The lecture notes follow the video with the example work removed. You can fill in the example work by printing the notes or on your tablet.

HOMEWORK:

• Homework will be assigned for each section of material covered, and will count for a total of 100 points.
• Homework assignments will be done on the computer via the MyMathLab website. No special software is needed to access the homework – you simply need an Internet browser.
• 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. Please see the calendar or MyMathLab page for homework due dates. It is your responsibility as a student to keep up with these dates!
• Homework assignments may be completed after their due dates until Friday, December 1st for half credit.
PRACTICE TESTS and TESTS:

- There will be five (5) major tests during the semester taken in class each worth 100 points (500 points total).
- Each test will be taken online through the MyMathLab website and requires a proctor. See the Testing Information section below for more information.
- There will be a Practice Test for each of the five tests. The Practice Test is taken through the MyMathLab website. Practice tests do not require a proctor.
- Practice Tests can be taken as many times as you wish. The highest score is kept. Each Practice Test is worth a maximum of 20 points for a total of 100.
- Students must prove mastery of each topic to take a Practice Test. To prove mastery, students must score a minimum of 70% of each topic on the homework to prove mastery. Note that this does not mean a score of 70% on the homework.
- The purpose of the Practice Tests are to prepare you for the in class tests. **If mastery is not proven via homework, then the student must successfully score a 75% or better on the Quiz Me portion of the Study Plan.**
- Each test will count 100 points toward the student’s final grade.
- Each test will be accessible from Thursday to the following Tuesday (see calendar). Students taking their test via ProctorU can schedule a testing appointment at any point during that period. Students taking their test via the DETL testing center must make an appointment through DETL.
- 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.

FINAL EXAM:

- The final exam is comprehensive and will count 200 points.
- The final exam will be taken online just as the five regular tests. **The final exam must be proctored through DETL or ProctorU. See the Testing Information section below for more information.**
- The final exam will be accessible from Monday, December 4th at 12:00 a.m. until Friday, December 8th at 5:30 p.m. and will last 3 hours (180 minutes). Students taking the final exam through ProctorU can schedule an appointment at any time during this window with the last appointment time being 2:30 p.m. on December 8th. Students taking the final exam through DETL must make an appointment through DETL.
- The final exam will also have a Practice Test, but it does not have a Study Plan associated with it. The lowest of the six Practice Test grades will be dropped.
- 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:

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

**TESTING INFORMATION:**

- Each test and the final exam must be taken online with a proctor. It is the student’s responsibility to schedule the appointments for each proctored assessment. For this class, there will be two options for proctoring the exams: ProctorU and DETL.

- ProctorU is a remote proctoring service that allows you to schedule your exam time at any point during the exam window. ProctorU is more flexible than the DETL Lab, but it is a service the student is responsible for paying to use (~$25 per test, ~$30 for Final Exam). To use ProctorU, you must have a computer (not a phone or tablet) with a webcam, a whiteboard (small dry-erase board and markers), and high-speed Internet connection. Students using ProctorU will not be allowed to bring scratch paper to the test – you must use a whiteboard only.

- DETL (Distance Education Testing Lab) is a free testing center on campus in the Jackson Avenue Center, Suite F. While testing at DETL is free, there are limitations to dates and times that are available to schedule an appointment to take an exam. To schedule an appointment through DETL, please see the following website: [http://www.online.olemiss.edu/testing.html](http://www.online.olemiss.edu/testing.html)

Note: DETL cannot assist you in making regional campus testing appointments. Please contact the regional testing centers directly to schedule regional campus appointments. See the contact information below:

- **Desoto:** Twyla Loftiss (662) 393-1674 twyla@olemiss.edu
- **Tupelo:** Carrie Cannon (662) 690-2017 ekrrouch@olemiss.edu
- **Booneville:** Kim Gray (662) 720-7781 kstevens@olemiss.edu
- **Grenada:** LaTonya Pittman (662) 227-2348 lspittma@olemiss.edu

Please report to the testing center at least 10 minutes before your appointment with a valid Ole Miss ID, state issued driver’s license, or a passport to take your exam. There will be no exceptions to this rule. Please contact DETL directly if there are issues or questions with forms of identification.

If you are late to your testing appointment, then you must reschedule your testing appointment or use ProctorU.
CALCULATORS:

- Online Trigonometry students are allowed a basic, four-function calculator for the tests and the final exam. The calculator allowed is the Texas Instruments 503SV Standard Function Calculator. This is the only calculator allowed for testing. The calculator can be purchased online for less than $5. A picture of the calculator can be seen below:

![Texas Instruments 503SV Standard Function Calculator](image)

- It is the student’s responsibility to obtain the allowed calculator before the scheduled tests. Any questions regarding appropriate calculators must be handled at least 72 hours before the scheduled test.
- Graphing and Scientific Calculators **will not be allowed under any circumstances**.

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: **Monday, October 2nd**

- 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.