Math 123 Trigonometry Syllabus – Spring 2010

INSTRUCTOR: E-MAIL ADDRESS: cmdorrous@olemiss.edu
OFFICE: Hume 305A OFFICE HOURS: 8:00-10:00 MW

TEXT: Trigonometry, 9th Edition by Lial, Hornsby, and Schneider

TESTS: 1. There will be four major tests during the semester. Each test will count 100 points. The test questions will be similar in format to the examples in class and the quiz/homework problems.
2. There will be a 100 point quiz/homework grade to be determined by the instructor.
3. The final examination is comprehensive and will count 200 points.

VERY IMPORTANT:
1. If a test is missed for ANY reason, a grade of 0 will be given. There will be absolutely NO make up tests given for ANY reason.
2. The lowest of the four major test grades will be dropped. Please note that the quiz/homework grade cannot be dropped.
3. Any person who must miss a scheduled exam because of an official University function must reschedule and take this exam at a time BEFORE the exam is scheduled to be given. NO OTHER rescheduling will be allowed.
4. An "I" grade will not be given without the permission of the Department of Mathematics.
5. Students must show all work for each test question and arrive at a correct answer.
6. Any student having three or more final examinations scheduled for the same day will arrange with the instructor to take the 12 noon examination or the 7:30 p.m. examination on some other mutually satisfactory date. Please note that only the 12:00 noon and the 7:30 p.m. examinations may be rescheduled for this reason.
7. Every student must take the final exam at the time scheduled. The only exceptions are those students affected by # 3 and #6 above. The final exam for MATH 123-01 is at 4:00 on Monday, May 3.
The final exam for MATH 123-02 is at 12:00 on Wednesday, May 5.

FINAL GRADE: The cumulative total for the tests, quiz/homework, and final examination is 700 points. 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>630 = 90% of 700</td>
</tr>
<tr>
<td>B</td>
<td>560 = 80% of 700</td>
</tr>
<tr>
<td>C</td>
<td>490 = 70% of 700</td>
</tr>
<tr>
<td>D</td>
<td>420 = 60% of 700</td>
</tr>
<tr>
<td>F</td>
<td>Below 420</td>
</tr>
</tbody>
</table>

There is an attendance policy for this class. You are allowed 4 absences in a TTH section and 6 absences in a MWF section. After that, 10 points will be deducted from the final grade for each absence.

EXPECTED STUDENT LEARNING OUTCOMES: Students who successfully complete Math 123 should 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, solve trigonometric equations, and solve triangles by a variety of methods.

SPECIAL NOTE: 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 the attendance record is correct.

CALCULATORS: Graphing calculators are welcome in our trig class. However, there will be times when calculators will not be allowed at all on a test or quiz. Calculators with a Computer Algebra System and/or a QWERTY keyboard are not allowed during tests and quizzes. This includes, but is not limited to, the TI-89, the TI-92, the TI Voyage 200, the TI-30XS MultiView, the TI-34 MultiView, and the Casio Algebra FX 2.0. Cell phones calculators are also prohibited.

ELECTRONIC DEVICES: All cell phones, pagers, and other electronic equipment should be turned off during the class period,
during movies, in churches, bookstores, restaurants, elevators, grocery stores, and especially while operating a motor vehicle.

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 FOR 2010 Spring Semester: Tuesday, March 2. After the Course  
Withdrawal Deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise the grade recorded will be F. 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.

SPECIAL DATES:  
Spring Break: March 15-19  
Good Friday: April 2  
Classes end: Friday, April 30  
Final Exams: Monday, May 3 - Friday, May 7

TENTATIVE TEST DATES FOR MATH 123

TEST 1 (Friday, Feb 5)  
Section 1-1: Examples 1,2,5  
Section 1-3: Examples 1,2,4  
Section 1-4: Examples 1-7  
Section 2-1: Examples 1-3, 5  
Section 2-2: Examples 1-6  
Section 2-4: Examples 1-4

TEST 2 (Monday, Mar 1)  
Section 3-1: Examples 1-3  
Section 3-2: Examples 1, 3-5  
Section 3-3: Examples 1, 2  
Section 3-4: Examples 1-3  
Section 4-1: Examples 1-5  
Section 4-2: Examples 1-5  
Section 4-3: Examples 1-5  
Section 4-4: Examples 1, 2

TEST 3 (Friday, Mar 26)  
Section 5-1: Examples 1-3  
Section 5-2: Examples 1-4  
Section 5-3: Examples 1-4  
Section 5-4: Examples 1-4  
Section 5-5: Examples 1-4

TEST 4 (Friday, Apr 23)  
Section 6-1: Examples 1, 2, 5, 6  
Section 6-2: Examples 1-3, 5  
Section 6-3: Examples 1-3  
Section 7-1: Examples 1-5  
Section 7-2: Examples 1-3  
Section 7-3: Examples 1-3, 5

FINAL EXAM  Comprehensive

The Mathematics Department offers free tutoring for this course in Hume 321 starting the week of August 31. The tutoring lab is open from 3:00 to 6:00 Monday through Wednesday and 3:00-5:00 Thursday every week through the week of December 4.