Tallahassee Community College
MAC 2114, Trigonometry, Section 003, Reference # 53207, MWF 11:15 a.m. – 12:05 p.m., Room SM129
Fall Semester 2007
Three Semester Hours of Mathematics Credit

Instructor: Dr. R. Webster  Office: SM231  E-mail: websterr@tcc.fl.edu

Office Phone: 201-8123  Office Hours: MWF: 9:00 – 11:15 a.m., 2:15 – 3 p.m.; TR: 10:00 a.m.– 12:15 p.m., 2:15 – 3 p.m.

PREREQUISITE

Grade of C or better in MAC 1105 (or its equivalent). NOTE: MAC 1105 topics will not be retaught in MAC 2114. MAC 2114 is a prerequisite for all majors requiring engineering-type (not business-type) calculus. It may be taken before, after, or concurrently with MAC 2140, Precalculus Algebra.

TEXTBOOK


MYMATHLAB

This section of MAC 2114 has the WA (Web Assisted) designation which means the course requires the use of a computer and the internet. The required software program is MY MATH LAB. If you purchased the textbook in a ‘bundled’ form through the TCC Bookstore or Bill’s Bookstore, it came with a MML student access code. If you bought your book elsewhere or not as a bundle, then you will have to purchase MML separately at an additional cost. IF you do not have a computer or internet service, and will not be able to use the TCC computer labs (see the last page of this syllabus for computer lab information), you should switch to a non-WA section. The textbook bundle also includes a student solutions manual (detailed solutions for odd-numbered exercises), CD tutorials of each lesson, and a phone number for free tutoring.

COURSE CONTENT

Chapters 6, 7, 8, and 9
COURSE OBJECTIVES

Formal objectives for MAC 2114 are available on request in the Science/Mathematics Division office.

ATTENDANCE POLICY

Attendance is important and roll will be checked. Coming in late or leaving early may be counted as an absence. If you accumulate more than 3 unexcused absences, you may be withdrawn from this course; however, do not assume that you will be withdrawn if you quit attending class. IT IS YOUR RESPONSIBILITY TO MAKE SURE YOU ARE WITHDRAWN. The last day to withdraw is November 6, 2007. If you are absent, it is YOUR responsibility to contact me or someone in the class to find out what was covered in class and what assignments were made. You are still responsible for turning in all work on time.

GRADING POLICY

<table>
<thead>
<tr>
<th>GRADE</th>
<th>METHOD TO DETERMINE THE GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = 90 - 100</td>
<td>MyMathLab on-line homework = 15%</td>
</tr>
<tr>
<td>B = 80 - 89</td>
<td>In-class quizzes, worksheets = 10%</td>
</tr>
<tr>
<td>C = 70 - 79</td>
<td>Average of 4 unit tests = 50%</td>
</tr>
<tr>
<td>D = 60 - 69</td>
<td>Cumulative Final Exam = 25%</td>
</tr>
<tr>
<td>F = 0 - 59</td>
<td></td>
</tr>
</tbody>
</table>

GATE EXAM

In order to pass this course, you must pass a 20-question test over trig functions of special angles and basic trig identities. A passing score is 90% or better. Students who fail the Gate Exam must continue to re-take other versions of the exam on their own time until they pass with a score of 90% or better.

CALCULATORS

YOU ARE REQUIRED TO HAVE A GRAPHING CALCULATOR FOR THIS COURSE. A TI-83 Plus with an overhead projector panel will be used for in-class calculator examples. I will not take class time to teach other types of calculators. Calculators with QWERTY keyboards or Computer Algebra Systems are not allowed. If you are unsure whether your calculator is acceptable or not, PLEASE SEE ME.
HOMEWORK

There are two types of homework that will be assigned in this course.

1. **On-line homework** will be completed using MyMathLab. These problems will be graded by the MyMathLab program and counted in your overall course grade. (See “Method to Determine the Grade” above.) **IMPORTANT:** You will receive 5 extra points on a test if all on-line homework assignments for that test have been completed by 9:30 a.m. on the class period before the test day, each with a grade of 90% or better.

2. **Traditional paper and pencil homework** will be completed from the textbook. Do these extra problems so you will be prepared for the in-class quizzes and tests.

QUIZZES

You may be given frequent unannounced in-class or take-home quizzes. **MISSED QUIZZES MAY NOT BE MADE UP FOR ANY REASON.** At the end of the semester, one or two of your lowest quiz scores will be dropped and not counted in the quiz average. This is meant to compensate for the no-make-up policy.

USE PENCIL

On all written work in this course, please use pencil and **not** ink. On all quizzes and tests, points will be deducted for using ink.

MAKEUP POLICY

**THERE WILL BE NO MAKEUPS FOR QUIZZES, HOMEWORK, TESTS, OR THE FINAL EXAM.** If you miss a test due to a dire, well-documented emergency, I will replace your zero with your Final Exam score. If you miss a second test, you will receive a non-removable zero.

HELP OUTSIDE OF CLASS

If you need extra help, please remember that you have the following sources at your disposal:

1. Come and receive extra help during my office hours listed at the top of this syllabus.
2. Study your class notes.
3. Read and study examples in your textbook.
4. TCC has a Mathematics Learning Center that you can visit at any time during the semester. The lab is free to all TCC ID holders.
5. Hire a private tutor.
A cumulative final exam is required of all students in this class. It will occur on Monday, December 10, 2007. It is your responsibility to find out the exact time and place for the Final and to be there on time. Bring photo I.D. and calculator.

Beginning Fall, 1997, college level courses may be taken only TWICE at the in-state tuition rate. The third time a student signs up, (s)he must pay the full out-of-state rate. A “grade” of W or AW counts as a “take”. Any student whose name is on the roster which is run at the end of the Refund Period is considered as enrolled for the semester.

All cell phones and pagers must be turned completely off before class begins. If any cell phone, pager, or any other electronic device makes any noise during class, I will ask the owner to leave class immediately for the day.

Please refer to the TCC Student Conduct Code. I will treat all students with respect and dignity, and I expect the same in return. I will not tolerate disrespectful behavior toward myself or other students such as sleeping, audible yawning, disruptive talking, profane language, cell phone usage, clock watching, etc. Also note that there will be no smoking, eating or drinking in the classroom.

In addition to TCC’s Library, the campus locations given on the next page have the MyMathLab program installed on their computers. Use them when you have time between classes or if/when your home computer is down. Remember, there are no exceptions given on assignments because of a home computer problem. If you don’t procrastinate, you should have time to use one of the computers on campus to finish any assignment.
<table>
<thead>
<tr>
<th>Day</th>
<th>AC 210</th>
<th>AC 211</th>
<th>CT 206</th>
<th>Math Center DH225</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>8:00am - 7:00pm</td>
<td>8:00am - 7:00pm</td>
<td>7:30am - 8:00pm</td>
<td>8:00am - 8:00pm</td>
</tr>
<tr>
<td>Tuesday</td>
<td>8:00am - 7:00pm</td>
<td>8:00am - 7:00pm</td>
<td>7:30am - 8:00pm</td>
<td>8:00am - 8:00pm</td>
</tr>
<tr>
<td>Wednesday</td>
<td>8:00am - 7:00pm</td>
<td>8:00am - 7:00pm</td>
<td>7:30am - 8:00pm</td>
<td>8:00am - 8:00pm</td>
</tr>
<tr>
<td>Thursday</td>
<td>8:00am - 7:00pm</td>
<td>8:00am - 7:00pm</td>
<td>7:30am - 8:00pm</td>
<td>8:00am - 8:00pm</td>
</tr>
<tr>
<td>Friday</td>
<td>8:00am - 5:00pm</td>
<td>8:00am - 5:00pm</td>
<td>7:30am - 5:00pm</td>
<td>8:00am - 1:00pm</td>
</tr>
<tr>
<td>Saturday</td>
<td>CLOSED</td>
<td>CLOSED</td>
<td>10:00am - 2:00pm</td>
<td>CLOSED</td>
</tr>
<tr>
<td>Sunday</td>
<td>CLOSED</td>
<td>CLOSED</td>
<td>CLOSED</td>
<td>CLOSED</td>
</tr>
</tbody>
</table>