TRIGONOMETRY MATH 120 – M002
SYLLABUS ---- Fall 2011

Instructor: Mary Anderson
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Credits: 3 Credit hours

Class Meets: 12:00-12:50 MWF – EP 252
Office Hrs: MW - 1:00 – 2:00 PM
Phone: (My office) 394-6119; (Math Office) 394-2471

Text: Trigonometry by Coburn, 2nd edition

Course Description: A partial list of topics include: trigonometric functions, equations, and identities; inverse trigonometric functions; exponential and logarithmic functions, and applications of these functions.

Course Objective. The objective of Math 120 is to prepare students for higher-level math courses by developing conceptual understanding and problem solving skills.

Method of delivery: This course meets 3 times each week in a classroom setting. Together, we will use various interactive methods to explore and learn a mixture of Trig tools and techniques.

Prerequisite: MATH 102 with a grade of C or better or proper score on the COMPASS exam.

Attendance: Your attendance in class is very important to us both. We cover considerable material each class period so I would not advise being absent at all. Please be on time.
I will give you a make-up test only if you have been excused by me before the test time.

Grades: Grades will be assigned following these guidelines:
A  90 to 100
B  80 to 89.4
C  70 to 79.4
D  60 to 69.4
F  Below 60

Grading Scale: Weekly quizzes, tests, and the final exam will make up 80% of your grade. On-line homework using MATHZONE will make up the other 20%. All grades will be available on D2L. (https://d2l.sdbor.edu/)

Cheating. If you cheat on a test or assignment, you may fail the course. It will not be possible to receive an "A" regardless of your final percentage. Discussing a problem with other students is a valuable learning tool, copying someone else's work is not.

Electronic devices policy and behavior in class: The use of electronic devices such as cell phones, PDA's, pagers, mp3 players, etc. in class is not acceptable. No text messaging in class. Headphones are not allowed. No other use of any other electronic/computer media is allowed during class time.

Use of Tablet computers. If you are using your tablet for note-taking, the screen must be in the locked down position and you will sit at the front of the class.

Freedom in learning. Students are responsible for learning the content of any course of study in which they are enrolled. Under Board of Regents and University policy, student academic performance shall be evaluated solely on an academic basis and students should be free to take reasoned exception to the data or views offered in any course of study. Students who believe that an academic evaluation is unrelated to academic standards but is related instead to judgment of their personal opinion or conduct should contact the dean of the college which offers the class to initiate a review of the evaluation.

ADA statement. Students with special needs or requiring special accommodations should contact the campus ADA coordinator, Ms. Jolie McCoy, at 394-1924 at the earliest opportunity.
You must score a “C” or better in Math 120 to meet the prerequisite for Math 123

There will be a quiz or exam every Monday. Homework will be assigned via Mathzone. Tests are worth 100 points, Final Exam worth 200 points, and 9 quizzes worth 10 points each. Your two lowest quiz scores will be dropped; Quizes will not be made up if absent.

It is recommended that you do all the homework questions from the book. Only the homework problems assigned on Mathzone are graded. Mathzone has tutorials, and the Tech learning Center is available in the basement of the Deveraux Library for additional help. Please visit me during office hours for help or questions, or call or email me to arrange a specific meeting time.

Each student will need to join the Mathzone course online by going to: www.mathzone.com and navigate to “Students”

• Enter the Section enrollment code: 36E-64-8DB
• Enter your registration code (comes with the text)
• Text Info: Trigonometry 2nd edition, by Coburn and Herdlick
• Enter your SDSMT email address

Week 1: Aug 31, Sept 2 - Review of Algebra and Intro to Trigonometry
Week 2: (Sept 5 Labor Day) Sept 7, 9 - Chapter 1 – Angle Measures and Triangles
Week 3: Sept 12 (Quiz 1), 14, 16 – Chapters 1 and 2 – Right Triangles and Static Trigonometry
Week 4: Sept 19 (Quiz 2), 21 (Sept 23 M-Day) - Chapter 2
Week 5: Sept 26 – Test Chapters 1 & 2
    Sept 28, 30 - Chapter 3 – The Radian Measure and Dynamic Trigonometry (Unit Circle)
Week 6: Oct 3 (Quiz 3), 5, 7 - Chapter 3
Week 7: (Oct 10 Native American Day) Oct 12, 14 - Chapter 4 – Trigonometric Graphs and Models
Week 8: Oct 17 ( Quiz 4), 19, 21 - Chapter 4
Week 9: Oct 24 – Test Chapters 3 & 4
    Oct 26, 28 - Chapter 5 – Trigonometric Identities
Week 10: Oct 31 (Quiz 5), Nov 2, 4 - Chapter 5
Week 11: Nov 7 (Quiz 6), 9 (Nov 11 Veteran's Day) - Chapter 6 – Inverse Functions and Trigonometric Equations
Week 12: Nov 14 (Quiz 7), 16, 18 - Chapter 6
Week 13: Nov 21 – Test Chapters 5 & 6
    (Nov 23 & Nov 25 Thanksgiving)
Week 14: Nov 28 (Quiz 8), 30 and Dec 2 - Chapter 7 - Applications of Trigonometry
Week 15: Dec 5 (Quiz 9), 7, 9 – Review for Final

FINAL: Dec 14 from 1:00 pm to 2:50 pm, EP room 203