Instructor: Mary Anderson  
My Office: McLaury Bldg. 314-C  
E-mail: mary.anderson@sdsmt.edu  
Credits: 3 Credit hours

Class Meets: 8:00-8:50 MWF - CB204W  
Office Hrs: MWF - 9:00 -10:00 AM  
Phone:(My office) 394-6119; (Math Office) 394-2471

Credits: 3 Credit hours

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 – attendance mandatory. Please be on time. I will give you a make-up test only if you have been excused by me before the test time. The Math Dept. make-up tests are every Thursday at 7 AM in room 306 McLaury.

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: Grading is via points. Weekly quizzes (10 points each), tests (100 points each), and the final exam (200 points) will comprise your grade. Your homework percentage (up to 100 points) in Mathzone will be added to your final grade. 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.
Homework will be assigned via Mathzone. Tests are worth 100 points, Final Exam worth 200 points, and quizzes worth 10 points each. Your two lowest quiz scores will be dropped; Quizzes will not be made up if absent. Attendance is mandatory – loss of points for repeated unexcused absences.

Students are expected to read each section before class. 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: 4EE-CA-44F
- Enter your registration code (comes with the text, good for 1 year)
- Text Info: Trigonometry 2nd edition, by Coburn and Herdlick
- Enter your SDSMT email address
- Call Mathzone Support at 1-800-331-5094 with questions

**Week 1:** Jan 13 - Review of Algebra

**Week 2:** (Jan 16 MLK Day) Jan 18, 20 - Chapter 1 – Angle Measures and Triangles

**Week 3:** Jan 23, 25, 27 – Chapters 1 and 2 – Right Triangles and Static Trigonometry

**Week 4:** Jan 30, Feb 1, 3 - Chapter 2

**Week 5:** Feb 6 – Test Chapters 1 & 2

- Feb 8, 10 - Chapter 3 – The Radian Measure and Dynamic Trigonometry (Unit Circle)

**Week 6:** Feb 13, 15, 17 - Chapter 3

**Week 7:** (Feb 20 President’s Day) Feb 22, 24 - Chapter 4 – Trigonometric Graphs and Models

**Week 8:** Feb 27, 29 - Chapter 4 , March 2 - Test Chapters 3 & 4

**Week 9:** Mar 5 , 7, 9 – SPRING BREAK!

**Week 10:** Mar 12, 14, 16 - Chapter 5 – Trigonometric Identities

**Week 11:** Mar 19, 21, 23 – Chapter 5 & Chapter 6 – Inverse Functions and Trigonometric Equations

**Week 12:** Mar 26, 28, 30 Chapter 6

**Week 13:** April 2 – Test Chapters 5 & 6

- April 4 Chapter 7, (April 6 Easter Break)

**Week 14:** (April 9 Easter Break) Apr 11, 13 - Chapter 7 - Applications of Trigonometry

**Week 15:** Apr 23, 25, 27 – Review for Final

Finals April 30 – May 4th