Math 1433-201 Plane Trigonometry

Spring 2020

Contact Information:
Instructor: Dr. Guy Bernard
Office: 118D Bolin Hall
Phone: (940) 397-4443
e-mail: guy.bernard@msutexas.edu
Office Hours: Monday to Friday 10:00am-11:00am, or by appointment.
Math Help Lab Hour: Wednesday, 4:00pm-5:00pm in Bolin 103.

Class Details:
Lectures: MWF 9:00am-9:50am in Bolin Hall 109.
Text: Trigonometry, by R. Larson, 10th edition.
Class Notes: posted on the MSU Portal.
Homework Solutions: posted on the MSU Portal after being handed in.
Calculator: Any graphing calculator.

Course Description: The goal of this course is to cover the basic concepts of Right Angle Trigonometry and Analytic Trigonometry. In addition, Inverse Trigonometric Functions, Vectors, Dot Product, Complex Numbers, and Polar Coordinates will be covered.

Course Outline: The following chapters will be covered:
- Chapter 1 Trigonometry
- Chapter 2 Analytic Trigonometry
- Chapter 3 Additional Topics in Trigonometry
- Chapter 4 Complex Numbers
- Chapter 5 Topics in Analytic Geometry (only 6.6, 6.7, and 6.8)

Homework, Tests, and Final Exam:
- There will be 13 homework assignments during the semester.
- The homework assignments will cover the entire course material.
- Late assignments will not accepted.
- There will be 3 tests during the semester.
- The final exam will be comprehensive and compulsory.
- All tests and the final exam will be closed book exams.
- Calculators will be permitted during all exams. Make-up tests will be granted only in exceptional situations and only when the

student has made the request (for a make-up test) several days before the date of the class-scheduled test.

Test Dates:
- Test No.1 Monday February 24, 2020 (subject to change)
- Test No.2 Wednesday April 1, 2020 (subject to change)
- Test No.3 Wednesday May 6, 2020 (subject to change)
- Final Exam Monday May 11, 2020 8:00am-10:00am.

Grading:
The course grade for each student will be the better of the two following two evaluations:

Evaluation 1

- Homework   5%
- Test No.1   20%
- Test No.2   20%
- Test No.3   20%
- Final Exam   35%

Evaluation 2

- Homework   5%
- Best Test   20%
- 2nd Best Test   20%
- Worst Test   0%
- Final Exam   55%

Letter Grade:
In this course, the course letter grades will correspond to the following course grades:

- A   85% and above
- B   75% to 84%
- C   65% to 74%
- D   55% to 64%
- F   below 55%

Important Date:
Last date to withdraw from the course with the grade of W:
4:00pm Monday March 30, 2020.

Attendance Policy:

Students must attend all class lectures. Students who miss more than five lectures will be withdrawn from the course (with the grade of WF if before March 30 or with the grade of F after this date).

Disabilities Statement:

Students who need special accommodations should inform the instructor and contact the Disability Support Services Office: room 168 Clark Student Center Phone: (940) 397-4140.

Student Handbook:

Students should refer to the current MSU Student Handbook and Activities Calendar for university policies on academic dishonesty, class attendance, student rights and activities. Please refer to the website [Student Handbook 2017-18](#)

Campus Carry Statement:

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage at [Campus Carry Rules and Policies](#)