

Math 105: Trigonometry Summer 2013 Session 2

Instructor: Jonathan Totushek, Office: Minard 406L, www.ndsu.edu/pubweb/~totushek

Office Phone (701) 231-8408

E-Mail: jonathan.totushek@ndsu.edu

Course Website: www.ndsu.edu/pubweb/~totushek/trig-sm13

Lectures: Monday - Friday 9:55 - 10:55 (am) in Ag and Bio Sys, Rm 208

Office Hours: Monday - Friday 8:30 - 9:30 (am) in Minard 406L

Text: *Precalculus II* (sixth edition) by M. Munem and J. Yizze with Contributions by Lonnie Hass, Larry Taylor, and Kathy Coykendall. Kendall Hunt Publishing

Course Description Angle measure, trigonometric and inverse trigonometric functions, trigonometric identities and equations, polar coordinates and applications.

Course Objectives The goal of this course is to build an understanding of trigonometry to prepare students for Calculus. Conceptual and computational skills will be developed with an emphasis on understanding key concepts and how to apply them.

Attendance: Attendance is expected everyday. This is a 16 week course taught in 8 weeks. So it is important to attend classes and keep up with the material.

Calculator Policy: Calculators are allowed in this course.

Notes: During lecture you will be expected to take notes. I will not be using slide presentations or posting my notes online. If you miss a day of class be sure to get notes from a fellow classmate.

Homework: Each day there will be homework exercises assigned from the book. These will not be graded, and hence not a part of your final grade. However, there will be quizzes with problems from the assigned homework. In addition to the book exercises, there will be periodic worksheets that will be graded.

Quizzes: There will be at least two quizzes each week. Each quiz will only have problems from the assigned homework sets. They will be closed book and closed notes. Two quizzes will be dropped and will not affect your final grade. *There will be no make-up quizzes allowed.*

Exams: There will be two exams and one final exam. They will be closed book and closed notes. Make up exams will only be given in exceptional circumstances and will require prior approval of the instructor. In emergency situations (medical, etc.), a note from a physician will be required. If absences at exams are not adequately documented, the student will receive 0 points. *There will be NO make-up final exam.*

Exam Dates:

- **Exam 1:** Wednesday July 3rd, in class.
- **Exam 2:** Thursday July 18th, in class.
- **Final:** Friday August 2nd, in class.

Workload: The course will go at the pace of a 3 credit 8 week course. Therefore it is expected for you to put in about 20 to 30 hours of work per week. This means about 4 to 6 hours per day.

Holidays: Be aware that July 4th is on a Thursday during our session. There will not be class on July 4th.

Grading: The overall course grade will be determined from homework assignments, quizzes, two in class exams and a comprehensive final exam. Grades will be determined in the following way:

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|-------------------------------|----------------------|
| • Homework: 10% | A: 90% - 100% |
| • Quizzes: 15% | B: 80% - 89% |
| • Exams 1,2: 20% each. | C: 70% - 79% |
| • Final Exam: 35% | D: 60% - 69% |
| | F: 0% - 59% |

Blackboard: I will *not* be using blackboard. You will be able to find course documents on the course website given above. Your grade can be calculated using the breakdown given above.

Extra Help: If you are in need of some extra help there are ACE tutors who are qualified to tutor Trigonometry. They are located in the West Dining Center from 9:00 (am) to 3:00 (pm) Monday through Friday.

ADA Statement: Any students with disabilities or other special needs, who need special accommodations in this course are invited to share these concerns or requests with the instructor and contact Disability Services Office (at www.ndsu.edu/disabilityservices) as soon as possible.

Academic Honesty: The academic community is operated on the basis of honesty, integrity, and fair play. NDSU Policy 335: Code of Academic Responsibility and Conduct applies to cases in which cheating, plagiarism, or other academic misconduct have occurred in an instructional context. Students found guilty of academic misconduct are subject to penalties, up to and possibly including suspension and/or expulsion. Student academic misconduct records are maintained by the Office of Registration and Records. Informational resources about academic honesty for students and instructional staff members can be found at www.ndsu.edu/academichonesty.

Tentative Schedule for the Semester

Date	Topics	Homework
June 11	Section 1.1	1-36, 37, 39-43, 45, 47
June 12	Section 1.2	1-38, 42
June 13	Section 1.3	1-46
June 14	Section 1.4	1-40, 42-44, 53-56
June 17	Section 1.5	1-40
June 18	Section 1.6	1-42
June 19	Section 1.7	1-32, 33, 35-39, 42, 48-54, 56
June 20	Section 1.8	1-46, 47, 49, 50
June 21	Review Chapter 1	
June 24	Section 2.1	1-30
June 25	Section 2.1	31-52
June 26	Section 2.2	1-50
June 27	Section 2.2	51-54, 56
June 28	Section 2.3	1-20
July 1	Section 2.3	21-48, 49, 50, 53, 54
July 2	Review	
July 3	Exam 1 Covers Through Section 2.3	
July 4	Holiday	
July 5	Section 2.4	1-52, 53, 55, 56
July 8	Section 2.5	1-40
July 9	Section 3.1	1-22
July 10	Section 3.1	22-40, 41-43, 45, 47-50, 52, 55, 56
July 11	Section 3.2	1-54
July 12	Section 3.3	1-20
July 15	Section 3.3	21-44
July 16	Section 3.4	1-58
July 17	Review	
July 18	Exam 2 Covers Through Chapter 3	
July 19	Section 4.1	1-36, 37, 39, 43, 44
July 22	Section 4.2	1-50, 53-55, 57
July 23	Section 4.3	1-26
July 24	Section 4.3	27-44
July 25	Questions and Review Chapter 4	
July 26	Section 5.1	1-20
July 29	Section 5.1	21-34
July 30	Section 5.2	1-8
July 31	Review for Final	
August 1	Review for Final	
August 2	Final Exam	