

**Syllabus for MATH 1340: College Algebra and Trigonometry
Fall 2012**

Lecture Time and Place: Sec. 010: MWF - 8:00am-8:50am, BO 1053.

Instructor: Dr. Dibyajyoti Deb (I go by Deb).

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Phone: (419)-530-2789.

Office Hours: MF - 11:00am-1:00pm.

T - 12:00pm-1:00pm.

Recitation Time and Place: Sec. 011: T - 8:00am-8:50am, UH 2210.

Sec. 012: R - 8:00am-8:50am, UH 2210.

Sec. 013: T - 9:00am-9:50am, UH 2210.

Recitation Leader: Mr. Kirk Kayser, kirk.kayser@rockets.utoledo.edu

Course Webpage: <http://www.math.utoledo.edu/~ddeb2> (Click on Teaching).

Prerequisites: Four years of high school math including trigonometry and one of the following

1. ACT Math score of 27 or more OR
2. ACT Math score of 20-21 AND College Algebra placement score of 0-11 AND Trigonometry placement score of 12 or higher OR
3. ACT Math score of 22-26 AND College Algebra placement score of 12-24 AND Trigonometry placement score of 7-11 or higher OR
4. Passed MATH 0980.

Students who do not satisfy the prerequisites should see their advisors.

Required materials: Scientific calculators are allowed in this course. However, Graphing calculators are NOT allowed in the course except TI-83.

Text: *Precalculus*. Larson & Hostetler, Brooks/Cole, 8e.

Attendance: Attendance is essential for success in the course. You are expected to be present in every lecture and recitation. Random attendance will

be taken during lectures and recitation which will count towards a portion of the grade.

Resources: Mathematics tutoring is provided by the Mathematics Learning and Resource Center (<http://www.utoledo.edu/utlc/lec/>) that is located in the basement of the Carlson Library - phone ext. 2176. It operates on a walk-in basis. MLRC also provides tutoring on some residence halls. Tutoring Hours: M/R 9am-8pm, T/W 9am-9pm, F 9am-2pm.

Homework Assignment and Quizzes: Starting from the second week there will be Homeworks due every alternate week in your respective recitation classes and starting from the third week there will be a Quiz every alternate week in your respective recitation classes. The dates are given below. There will be a total of 7 quizzes and 8 homeworks. The best 5 quizzes and homeworks each will count towards the final grade. Homework problems will be posted on the course webpage and on Blackboard.

Grading: Course grades will be determined using

- Homework - 20%.
- Quiz - 15%.
- Exam 1 - 15%.
- Exam 2 - 15%.
- Final exam - 35%.

and the following tentative scale: $A = 93 - 100$, $A- = 90 - 92$, $B+ = 87 - 89$, $B = 83 - 86$, $B- = 80 - 82$ etc.

Missed Classes: If circumstances occur in accordance with The University of Toledo Missed Class Policy (found at http://www.utoledo.edu/facsenate/missed_class_policy.html) result in a student missing a quiz, test, exam or other graded item, the student must contact the instructor in advance by phone, e-mail or in person, provide official documentation to back up his or her absence, and arrange to make up the missed item as soon as possible.

Drop/Withdrawal: The last day to drop or add this course is the Friday of the second week of classes (Aug. 31, 2012). The last day to withdraw from this class with a grade of W is the Friday of the tenth week of classes (Oct. 26, 2012).

Academic Dishonesty: Any act of academic dishonesty as defined by the University of Toledo policy on academic dishonesty (found at <http://www.utoledo.edu/dl/students/dishonesty.html>) will result in an F in the course or an F on the item in question, subject to the determination of the instructor.

Non-Discrimination Policy: The University of Toledo is committed to a policy of equal opportunity in education, affirms the values and goals of diversity.

Students with Disabilities: The University will make reasonable academic accommodations for students with documented disabilities. Students should contact the Office of Accessibility (Rocket Hall 1820; 419.530.4981; officeofaccessibility@utoledo.edu) as soon as possible for more information and/or to initiate the process for accessing academic accommodations. For the full policy see: <http://www.utoledo.edu/utlc/accessibility/faculty.html>

Tentative Class Schedule

Week 1(8/20-8/24) - Sec 1.1, 1.2, 1.3, 1.4
Week 2(8/27-8/31) - Sec 1.5, 1.6, 1.7, 1.8, 1.9
Week 3(9/3-9/7) - Sec 2.1, 2.2
Week 4(9/10-9/14) - Sec 2.3, 2.4, 2.5
Week 5(9/17-9/21) - Sec 2.6, 2.7, 3.1
Week 6(9/24-9/28) - Sec 3.2, 3.3, 3.4
Week 7(10/1-10/5) - Fall Break, Review, EXAM 1
Week 8(10/8-10/12) - 4.1, 4.2, 4.3
Week 9(10/15-10/19) - 4.4, 4.5, 4.6
Week 10(10/22-10/26) - 4.7, 4.8, 5.1
Week 11(10/29-11/2) - 5.2, 5.3
Week 12(11/5-11/9) - 5.4, 5.5
Week 13(11/12-11/16) - Veteran's Day, Review, EXAM 2
Week 14(11/19-11/23) - 6.1, Thanksgiving
Week 15(11/26-11/30) - 6.2, 10.1, 10.2
Week 16(12/3-12/7) - 10.3, 10.4, Review
Week 17 - FINAL EXAM (See Below)

Various Policies:

- Except in cases of documented emergencies, there will be **no makeups** of exams, quizzes or homeworks.
- The Final Exam is cumulative and will cover everything that has been taught in the course (unless otherwise announced).

Important Dates:

No classes on Sept. 3, Oct. 1-2, Nov. 21-23, 2012.
EXAM 1 - Oct. 5, 2012.
EXAM 2 - Nov. 16, 2012.
FINAL EXAM - Dec. 10, 2012, Monday, 8:00am - 10:00am.
Aug. 31, 2012 - Last day to add.
Oct. 26, 2012 - Last day to withdraw with a W.

Aug. 28, 30, 2012 - HW 1 due (1.1-1.4).
Sept. 4, 6, 2012 - Quiz 1 (1.1-1.9).
Sept. 11, 13, 2012 - HW 2 due (1.5-1.9, 2.1-2.2).
Sept. 18, 20, 2012 - Quiz 2 (2.1-2.5).
Sept. 25, 27, 2012 - HW 3 due (2.3-2.7, 3.1).
Oct. 5, 2012 - EXAM 1 (1.1-1.9, 2.1-2.7, 3.1-3.4).
Oct. 9, 11, 2012 - HW 4 due (3.2-3.4), Quiz 3 (2.6-2.7, 3.1-3.4).
Oct. 16, 18, 2012 - HW 5 (4.1-4.3).
Oct. 23, 25, 2012 - Quiz 4 (4.1-4.6).
Oct. 30, Nov. 1, 2012 - HW 6 due (4.4-4.8, 5.1).
Nov. 6, 8, 2012 - Quiz 5 (4.7-4.8, 5.1-5.3).
Nov. 16, 2012 - EXAM 2 (4.1-4.8, 5.1-5.5).
Nov. 27, 29, 2012 - HW 7 due (5.2-5.5, 6.1), Quiz 6 (5.4-5.5, 6.1).
Dec. 4, 6, 2012 - HW 8 due (6.2, 10.1-10.2), Quiz 7 (6.2, 10.1-10.2).
FINAL EXAM - Dec. 10, 2012, Monday, 8:00am - 10:00am.