

**Syllabus for MATH 1930: Honors Calculus II**  
**Spring 2013**

**Lecture time and place:** Sec. 003: MTRF 1:00 pm-1:50 pm, FH 2030.

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

**Instructor Office:** UH 2030C

**Instructor Email:** dibyajyoti.deb@utoledo.edu, ddebtoledo@gmail.com

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

**Phone:** (419)-530-2789.

**Office Hours:** MRF - 2:00 pm-3:00pm.  
T - 2:00 pm-4:00pm.

**Prerequisites:** Passing grade in MATH 1920 or equivalent.

**Required materials:** Simple scientific calculators as well as Graphing non-programmable calculators are allowed in this course.

**Text:** *Thomas' Calculus: Early Transcendentals*. Weir and Hass, Addison-Wesley, 12e.

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

**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, Quizzes and Presentations:** Starting from the third week there will be Homeworks due every alternate week and starting from the second week there will be a Quiz every alternate week at the end of lecture.

The dates are given at the end of this syllabus. There will be a total of 7 quizzes and 7 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.

I will put up a set of non trivial problems (a little harder than usual) on my webpage sometime during the middle of the semester. After choosing a different problem and working on it for a few weeks, every student will give a small 10 minute presentation about it during the final two weeks. The date and time will be set later.

**Grading:** Course grades will be determined using

- Homework - 20%.

- Quiz - 10%.
- Presentation - 5%.
- Exam 1, Exam 2 - 15% each.
- Final exam - 35%.

and the following 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](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 (Jan. 18, 2013). The last day to withdraw from this class with a grade of W is the Friday of the tenth week of classes (Mar. 15, 2013).

**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](mailto: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 Lecture Schedule:** Section numbers are within parentheses.

Week 1 (1/7-1/11) - 6.1, 6.2, 6.3  
 Week 2 (1/14-1/18) - 7.1, 8.1  
 Week 3 (1/21-1/25) - 8.2, 8.3  
 Week 4 (1/28-2/1) - 8.4, 8.7  
 Week 5 (2/4-2/8) - 10.1, 10.2  
 Week 6 (2/11-2/15) - 10.3, Review, **Exam 1**  
 Week 7 (2/18-2/22) - 10.4, 10.5, 10.6  
 Week 8 (2/25-3/1) - 10.7, 10.8  
 Week 9 (3/4-3/8) - **Spring Break**  
 Week 10 (3/11-3/15) - 10.9, 10.10, 11.1

Week 11 (3/18-3/22) - 11.2, 11.3, 11.4  
Week 12 (3/25-3/29) - 11.5, Review, **Exam 2**  
Week 13 (4/1-4/5) - 12.1, 12.2, 12.3  
Week 14 (4/8-4/12) - 12.4, 12.5  
Week 15 (4/15-4/19) - 12.6, Presentations  
Week 16 (4/22-4/26) - Presentations, Review  
Week 17 - **Final Exam, May 3, 8:00 am-10:00 am.**

**Various Policies:**

- Except in cases of documented emergencies, there will be **no makeups** of exams and quizzes.
- The Final Exam will be a common exam among all the sections for this course. It will be cumulative and will cover everything that has been taught in the course (unless otherwise announced).

**Important Dates:**

No classes on January 21, March 4, 2013.  
Jan. 18, 2013 - Last day to add, drop.  
Mar. 15, 2013 - Last day to withdraw.  
Jan. 18, 2013 - Quiz 1 (6.1-6.3, 7.1).  
Jan. 25, 2013 - HW 1 due (6.1-6.3, 7.1, 8.1-8.2).  
Feb. 1, 2013 - Quiz 2 (8.1-8.4).  
Feb. 8, 2013 - HW 2 due (8.3-8.4, 8.7, 10.1).  
Feb. 15, 2013 - Exam 1 (6.1-6.3, 7.1, 8.1-8.4, 8.7, 10.1-10.3)  
Feb. 22, 2013 - Quiz 3 (10.1-10.4).  
Mar. 1, 2013 - HW 3 due (10.2-10.7).  
Mar. 15, 2013 - Quiz 4 (10.9-10.10).  
Mar. 22, 2013 - HW 4 due (10.8-10.10, 11.1-11.2).  
Mar. 26, 2013 - Quiz 5 (11.1-11.4).  
Mar. 29, 2013 - Exam 2 (10.4-10.10, 11.1-11.5).  
Apr. 5, 2013 - HW 5 due (11.3-11.5).  
Apr. 12, 2013 - Quiz 6 (12.1-12.4).  
Apr. 19, 2013 - HW 6 due (12.1-12.3).  
Apr. 26, 2013 - Quiz 7 (12.5, 12.6), HW 7 due (12.4-12.6).  
  
Final Exam - May 3, 8:00 am-10:00 am.