

**Syllabus for MATH 1760: Calculus for the Life Sciences with Applications II
Spring 2011**

Time and Place: Sec. 009, 010, 011, 012: MWF 11:00am-11:50am, RH 1520.

Instructor: Dibyajyoti Deb (I go by Deb).

Teaching Assistants: Sec. 009, 010 - Manoj Lamichhane.
Sec. 011, 012 - Gang Liu.

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

Phone: (419)-530-2789.

Office Hours: MW - 2:00pm-3:15pm.
F - 12:00-2:30pm.

Prerequisites: Passing grade in MATH 1750 or equivalent.

Text: *Calculus for Biology and Medicine*. Claudia Neuhauser, 3rd edition.

Attendance: Attendance is essential for success in the course. You are expected to be present in every class.

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.

Homework Assignment and Quizzes: There will be practice problems from each section. You are expected to do them on your own and discuss it with your TA during the TA sessions. The problems in the tests and quizzes will be similar to these practice problem. There will be 7 quizzes in class. The best 5 of these quizzes will count towards the final grade.

Grading: Course grades will be determined using

- Quiz - 25%.
- Exam1, Exam 2, Exam 3 - 15% each.
- Final exam - 30%.

and the following scale: $A = 90 - 100$, $B = 80 - 89$, $C = 70 - 79$, $D = 60 - 69$, etc.

Class Schedule

Week 1 - 5.8
Week 2 - 6.1, 6.2
Week 3 - 6.2, 6.3
Week 4 - Exam, 7.1
Week 5 - 7.2
Week 6 - 7.3, 7.4.1
Week 7 - 8.1
Week 8 - 8.2, Exam
Week 9 - Spring Break
Week 10 - 12.1
Week 11 - 12.2, 12.3
Week 12 - 12.3, 12.4
Week 13 - Exam, 12.5
Week 14 - 12.7.3, 9.4
Week 15 - 9.4
Week 16 - Review
Week 17 - Final Exam (See Below)

Various Policies:

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

Important Dates:

No classes on January 17, March 7 - 11, 2011.
Last day to add/drop - January 18, 2010.
Exam 1 - February 2, 2010. (5.8, 6.1-6.3)
Exam 2 - March 4, 2010. (7.1-7.3, 7.4.1, 8.1-8.2)
Exam 3 - April 6, 2010. (12.1-12.4)
Final Exam - May 6, 2010, 10:15am-12:15am.