

## MATH 141 CALCULUS 2 COURSE OUTLINE

### 1. BASICS

**Location:** Science and Technology Center 147.

**Time:** MWF 10:00-10:50, T 9:30-10:45

**Text: Calculus Single and Multivariable** Hughes-Hallet, Gleason, et al., 5th Edition, Wiley.

**Instructor:** Alfred Dolich.

**Office:** Science and Technology Center 120.

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**Telephone:** 3442

**Office Hours:** MWF: 11-12, WF: 9-10

**Web Page:** [www.dolich.com](http://www.dolich.com)

### 2. GENERAL INFORMATION

**Course Description:** This is a basic second semester calculus course covering topics needed for physical, life, and social science disciplines. Topics covered include: Techniques of integration, applications of integration, sequences and series, Taylor polynomials and series, and differential equations. I plan to cover the following sections: 7.1, 7.2, 7.4-7.8, 8.1-8.5, 8.6, 8.7, 9.1-9.5, 10.1-10.4 as well as time permitting sections: 10.5, 11.1-11.11. I do not plan on adhering to a strict schedule in terms of when each section will be covered.

**Assessment and Course Structure:** There will be two tests and a final exam. Dates for the tests will be announced well in advance. The first test will most likely be given in late February and cover chapter 7 and 8, while the second test will most likely be given in early April and cover chapters 9 and 10. The final exam is cumulative and will be given during the university scheduled period. There will also be a gateway exam. This is a short (ten question) pass-fail exam on integration. No partial credit will be given for any questions in this exam though students may retake the exam up to three times within a period of three weeks after the test is first given. I will regularly assign homework problems though I do not plan on collecting or grading them. Problems will be assigned on Fridays and cover the week's worth of material. In general I plan on lecturing during the Monday, Tuesday, and Wednesday classes. I will use the Friday class for going over homework problems, review, and tying up any loose ends from the earlier part of the week. I reserve the right to give quizzes though I have no concrete plans to do so. The class webpage (to be found at [www.dolich.com](http://www.dolich.com)) will have the recommended problems posted as well as copies of

tests and any relevant class announcements. It is a good idea to periodically check the page.

**Caveat:** This class has relatively few methods of assessment (essentially only the two tests and the final) the students bear a very large responsibility for keeping up with the class material, in particular doing the recommended homework problems. It is a fair bet that a student who does not complete the homework problems will fail the course.

I will compute your final grades using two methods, and give you the higher of the two grades:

**Method One:** Each test 30% of the course grade and the final exam 40%.

**Method Two:** Each test 12.5 % of the course grade and the final exam 75%.

The gateway exam can only negatively effect your grade, failure to pass will lower your course grade by a full letter grade.

Grades will be assigned according to the following scale:

90-100% A, 80-89% B, 70-79% C, 60-69 % D, 0-59 % E

### 3. OTHER POLICIES

- Attendance: Students are expected to attend class.
- There will be **NO** extra credit given in the class.
- **NO** late homework will be accepted whatsoever. There will be no make-up quizzes whatsoever.
- Please make sure any cell phones or beepers are off during lectures and tests.
- Midterm grades will be posted by March 15th.
- All information in the syllabus is subject to change as circumstances warrant it. This syllabus does not constitute a contract.