

MATH 141 CALCULUS 2 COURSE OUTLINE

1. BASICS

Location: Science and Technology Center 145.

Time: MWF 12:00-12:50, R 12:30-1:45

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

Instructor: Alfred Dolich.

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

Web Page: 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, Wednesday, and Thursday 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) 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.