



Department of Mathematics and Statistics

Course Information Sheet

- Course:** MATH 251 Fall, 2004
Lecture/Time/Room: L06/13, MWF, 16:00, Room # ST 141
Instructor: Dr. R.A. Mollin
Office, Telephone Numbers: MS 588, 220-7196
- Prerequisites:** A grade of 70% or higher in Mathematics 30 or Pure Mathematics 30 PLUS credit in Math 31 is REQUIRED to take this course. Those who have the first requirement, but lack the Mathematics 31 credit should be registered in Math 249. Prerequisite checking will be done over the next two weeks. Those who DO NOT have the appropriate requirement or an acceptable equivalent will be REMOVED FROM THE COURSE by the Undergraduate Programs Office. See details in your Registration Guide or University Calendar regarding the Mathematics Diagnostic Test and a list of acceptable equivalents to the Math 30 requirement (see www.ucalgary.ca/pubs/calendar).
- Fee policy:** After the last day to drop/add courses, there will be no refund of tuition fees if a student withdraws from a course, courses or the session.
- The University policy on grading and related matters** is described in the current University Calendar. In determining the overall grade in the course, the following weights will be used:

Assignments [best 4 of 5]	30%
Mid-term Test	20%
Final Exam	50%

There will be a final examination scheduled by the Registrars Office.
- Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined in the current University Calendar. It is the responsibility of the student to be familiar with these regulations.
- Academic misconduct** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections in the current University Calendar under the heading *Student Misconduct*.
- There will be five quizzes, each of a duration of 35 minutes or less, administered according to the table in item # 4 on the course calendar information sheet. There will be one mid-term test (October 20th) and a two-hour final exam (to be scheduled by the registrar). A passing grade on the final is required to pass the course.
- Calculators are NOT permitted at quizzes, mid-term tests, or the final exam.
- In addition to the instruction provided by their lecturer and lab instructor, there is a continuous tutorial available where students may obtain individual help with questions about the course material and exercise problems. Faculty members and graduate students will be available in the continuous tutorial room (see item # 5 on the course calendar information sheet) to answer questions in a one-to-one fashion.
- Students who already know the material of MATH 251 and wish to proceed immediately to take MATH 253 may take a 3-hour challenge exam. Only those students who have never before enrolled in MATH 251 and who wish to take MATH 253 are eligible to write the test. Applicants should have done exceptionally well in high school mathematics. For details contact the Department Office MS 476.

Course Calendar for Math 251

Lecture: L06/13 (Fall 2004)

Dr. R.A. Mollin

WEEK	DATES	TEXT PAGES TO BE COVERED
1	September 8, 10, 13	Pre-calculus Review: Appendix D
2	September 15, 17, 20	1–29, 36–39
3	September 22, 24, 27	59–65, 75–109, 230–239
4	September 29, October 1	111–127, 136–145
5	October 4, 6	146–149, 161–165
6	October 8, 13, 15	47–55, 129, 151–157, 169–174
7	October 18, 20, 22	175–191 & Mid-Term Test Wed. & Hand-back on Fri.
8	October 25, 27, 29	197–205, 212–229, 240–249, 206–211
9	November 1, 3, 5	250–261, 275–311, 315–321
10	November 8, 10, 15	322–334, 313–314
11	November 17, 19, 22	162–168, 342–349
12	November 24, 26, 29	411–420
13	December 1, 3, 6, 8	262–266

Notes:

1. All students are responsible for the above material whether or not it is explicitly covered during lecture hours. Also, students are responsible for all lecture material given during regular class hours whether or not it is explicitly covered in the text, which is the third edition of: "Calculus of a Single Variable: Early Transcendental Functions" by Larsen, Hostetler and Edwards; Houghton-Mifflin publishers, Third Edition, (2003), ISBN # 0-618-22308-8.
2. Some deviations from this schedule are to be expected.
3. The Mid-Term Exam will be held during regular class hours on Wednesday, October 20, and the marked test handed back and discussed on Friday, October 22.
4. Note the Quiz times. Labs # B23–B24 on Wednesdays at 17:00 in MS 317 (resp. 427); Labs # B21/49–B22 on Fridays at 15:00 in MS 431 (resp. 427). **Labs begin on September 15th.**

QUIZ#	Labs # 23–24	Lab # 21/49–22
1	September 22	September 24
2	October 6	October 8
3	October 20	October 22
4	November 3	November 5
5	November 17	November 19

5. Students may obtain assistance during the Continuous Tutorials, held Monday – Thursday 11:00–15:00 and Fridays 11:00–14:00 each week in MS # 365.
6. Office hours for Dr. Mollin are by appointment only. In addition, his lab assistants are available in the assigned labs each week at the designated times cited above.