

Ryerson University
Department of Mathematics
MTH 240 (Calculus II) - Winter 2008

Instructor:
Office:
Telephone:
e-mail:
Office Hours:

Course Website:

1. The MTH 240 Blackboard web page.
2. <http://www.math.ryerson.ca/~chulkim/> to access without user authentication.

Course Objectives:

1. To continue to gain a facility with the concepts and techniques of differential and integral calculus.
2. To continue to build a strong foundation in calculus as preparation for subsequent courses in mathematics and engineering.
3. To continue to nurture the student's ability in analytic thinking and problem-solving.

Course Text:

1. *Calculus, Early Transcendentals* (6th ed.), by James Stewart (Thomson, 2008)
2. *Student Solutions Manual* (shrink-wrapped with the above, available at the Ryerson Bookstore.)

Teaching Mode: Four lecture hours/week: Wednesday 8–10; Thursday 8–10 and a 1 hour Lab per week

Evaluation:

- 23% Test 1 (Chapters 7, 4.4), 1.5 hour(Rooms TBA), 4:15 pm, Friday, Feb. 8, 2008.
- 23% Test 2 (Chapters 9, 11), 1.5 hour(Rooms TBA), 4:15 pm, Friday, Mar. 14, 2008.
- 46% Exam (Chapters 7, 9, 11, 14), 3 hours, during EXAM WEEK.
- 8% Homework Completeness and correctness of the assigned homework
(The assigned homework must be submitted in every Lab.)

MTH 240 COURSE CONTENT ¹

Chapter 7: Integration Techniques	(Sections 1, 2, 3, 4, 5) ²	(approx. 10 hours)
Chapter 4: L'Hopitals Rule	(Section 4.4)	(approx. 2 hours)
Chapter 7: Improper Integration Techniques	(Section 8)	(approx. 2 hours)
Chapter 9: First-Order Differential Equations	(Sections 1, 3, 6)	(approx. 4 hours)
Chapter 11: Infinite Sequences and Series	(Sections 11.1 - 11.12)	(approx. 14 hours)
Chapter 14: Functions of Several Variables (Sections 12.1, 14.1, 14.2, 14.3, 14.4, 14.5, 14.7)		(approx. 14 hours)

¹Changes to, and clarifications of, details in this course outline /course management form (such as room numbers for tests) will be announced to the class on at least two different occasions before they take effect (except in unavoidable emergencies which permit only one announcement).

²All chapter, section and page references pertain to *Calculus, Early Transcendentals*(6th ed), by James Stewart.

Evaluation Guideline

(check <http://www.ryerson.ca/acadcouncil/current/pol135.pdf>)

1. Both tests and the exam will be closed-book and written **without** calculators or any other aids.
2. There will be no supplemental exam.
3. Grades will be assigned as indicated in the Ryerson 2007/08 Calendar.
4. Each student is responsible, *a priori*, for all the formulas on pp. 1-2 (next to the front cover of Stewart's book).
5. Any tests written in pencil or erasable pen are ineligible for remarking.
6. There is no intrinsic reason for giving a non-zero mark for an incorrect solution. Partial marks (if any) are awarded entirely at the examiner's discretion. If a test is submitted for re-marking, the whole test may be re-marked. The result may possibly be that the student receives a lower mark on any or all questions.
7. Students must read and comply with the Statement on Academic Ethics and the Senate Resolution on Academic Dishonesty as found in the Senate Policy Statements distributed at registration and available in the Department Office (Calendar 2004/2005). Check also <http://www.ryerson.ca/acadcouncil/current/pol60.pdf>.
Talking to another student, glancing over another student's paper or being caught with non-allowed materials during an evaluation may result in a zero mark for that evaluation and a record of academic misconduct lodged with the Registrar's office.
8. Each student must attend the Lab section indicated in his/her individual timetable.
9. During an evaluation sharing of pencils, pens or erasers is NOT PERMITTED and PDAs, phones and pagers must be turned off and out of reach.
10. During any evaluation, coats jackets and bags must be placed out of reach.

Missed Tests or Final Exam

1. Students who cannot be present for a test or the final exam because of illness must contact contact the First Year Common Engineering Office (416-979-5000 ext 4261, ENG377) prior to the time of the evaluation or within the time period stated in policy 134. They must also submit a **Ryerson-approved** medical form filled out by their doctor stating, among other things, that they were too ill to attend school on the day of the test and giving the expected duration of their illness (blank forms can be obtained from the Mathematics office or from other academic departments, or from the web at <http://www.ryerson.ca/rr/forms.htm>). Besides illness, only very serious reasons, properly documented, can be considered as valid excuses for missing an evaluation. For more information on this consult the Calendar or www.ryerson.ca/acadcouncil/current/pol134.pdf, and www.ryerson.ca/acadcouncil/current/pol150.pdf
2. If a test is missed for a valid reason as described above, the 23% weight allotted to it will be transferred to the final exam, thus making the exam worth 69%. PLEASE NOTE: THERE ARE NO MAKE-UP TESTS. If the exam is missed, a student may apply for academic consideration ('INC' grade may be awarded, but only if the term work is '...at least of passing performance' - see Calendar).
3. If proper documentation is not received within reasonable time, the mark for the missed test/exam will be zero.