

Department of Mathematics and Statistics
ENGINEERING SECTIONS MATH 124.3
Course Outline for January to April 2008

Section 02: Lectures MWF 11:30-12:20 ENG 2C40 Labs: W 3:30-4:50 PHYS 107
Instructor: L. Walter, McLean Hall 205, ph: 966-6083, e-mail: walter@math.usask.ca

Section 04: Lectures MWF 12:30-1:20 ENG 2C01 Labs: W 3:30-4:50 ENG 2C02
Instructor: F.-V. Kuhlmann, McLean Hall 210, ph: 966-6111, e-mail: fvk@math.usask.ca

Section 06: Lectures MWF 12:30-1:20 ENG 1B71 Labs: W 3:30-4:50 ARTS 133
Instructor: S. Belinschi, McLean Hall, ph: TBA, e-mail: TBA

Section 08: Lectures T Th 11:30-12:50 THORV 271 Labs: W 3:30-4:50 ENG 1B71
Instructor: C. Cuell, McLean Hall 42, ph: 966-6109, e-mail: cuell@math.usask.ca

Lab Instructor: Lisa Hayden, McLean Hall 138, ph: 966-7904, e-mail: lmr705@math.usask.ca

Textbook: *Calculus A Complete Course*, 6th edition by Robert A. Adams.

Blackboard: To access Blackboard go to "<http://blackboard.usask.ca>" and click on "Blackboard Login." Use your NSID and password to login. In the MATH 124 container you will find basic information about your course, the instructors, and the labs. Announcements and solutions to quizzes and midterm tests will be posted on Blackboard. Under MY GRADES, you will be able to check your quiz and midterm marks during the semester. The DISCUSSION board will be open at all times. There you can exchange your questions and ideas about the course topics with each other.

Grading: Your grade will be calculated as follows:

Quizzes: 20%, Midterm 1: 15%, Midterm 2: 15%, Comprehensive Final Exam: 50%

Labs: The first 50 minutes of each lab will focus on assigned homework questions. The last 30 minutes of each lab will be reserved for writing quizzes. Midterm tests will also be written during lab times. Students are NOT permitted to attend another lab section for which they are not registered.

Homework: Homework questions are given on page 2 of this outline. To fully master the material, you should attempt more problems than just those assigned. Homework problems will not be graded. Detailed solutions of even-numbered problems are given in the student solutions manual. Answers to odd-numbered problems are at the end of the text.

Quizzes & Midterm Tests: Two midterm tests and nine quizzes have been planned. See the timetables on page two for details. The questions on each quiz will be mostly based on homework assignments. No books, notes, calculators, or other electronic devices will be allowed during examinations. *You must bring your student ID card to all graded activities.*

Absences: You can miss ONE quiz without penalty (use with discretion). If you miss more than one quiz for legitimate reasons, you must provide the *lab instructor* with verifiable documentation for **ALL** of your absences. If you miss a midterm for a legitimate reason, you must also provide the *lab instructor* with documentation. Upon approval, the weight of the missed activity will be added to the weight of your final examination. Please read the section titled **Absence Policy** in your Blackboard course container for details. If you do not miss any quizzes, your lowest mark will be dropped.

Academic Integrity: The University of Saskatchewan values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures at "<http://www.usask.ca/honesty>".

Math Help Centre: Visit <http://www.usask.ca/ulc/math> for information pertaining to the Math Help Centre.

Extra Resources: Extra on-line resources in the form of practice tests are available. Go to www.coursecompass.com and log into MyMathLab using the information found in the MyMathLab Access Kit that comes with your textbook. The course ID for 124-02 is *hayden78651*, 124-04 is *hayden27583*, 124-06 is *hayden42388*, and 124-08 is *hayden30751*. For detailed instructions, read the documents posted on your course website on Blackboard under "Extra Resources".

MATH 124 Schedule of Lectures and Labs (*subject to change*)

Week	Dates	Sections	Homework Exercises
1	Jan. 3-4	5.1	1, 3, 5, 6, 7, 9, 11, 13, 15, 17, 19, 21, 24, 25, 29, 31, 33, 35, 39
2	Jan. 7-11	5.2 5.3 5.4	1, 3, 7, 9, 11, 12, 13, 15, 17, 19 1, 4, 5, 7, 9, 10, 11, 13, 15, 17 1, 3, 5, 7, 9, 11, 13, 19, 21, 25, 27, 29, 31, 33, 36, 37, 41, 43
3	Jan. 14-18	5.5 5.6	1 – 19 (odd #'s), 22, 23, 26, 27, 29, 30, 33, 37, 39, 43, 47, 53 1, 3, 5, 7, 9, 11, 15, 17, 19, 21, 25, 31, 33, 37, 41, 43, 47, 48
4	Jan. 21-25	5.7	3, 5, 7, 11, 13, 16, 17, 19, 21, 23, 24, 27, 29
5	Jan. 28-Feb. 1	6.1 6.2	3, 5, 7, 11, 13, 15, 17, 19, 21, 23, 25, 29, 31, 33 1-35 (odd #'s), 39, 41, 45
6	Feb. 4-8	6.3 6.5	1-33 (odd #'s) 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 29, 31, 35, 41
7	Feb. 11-15	6.6 6.7 6.8	1, 3, 7, 13 1, 3, 5, 11 1, 3, 5, 9
8	Feb. 18-22	<i>reading week</i>	
9	Feb. 25-29	7.1 7.2	3, 7, 9, 11, 13, 17, 21, 23, 29 1, 3, 7, 11, 13, 15, 17
10	Mar. 3-7	7.3 7.4	1, 5, 7, 9, 11, 15, 21, 23, 25, 29, 31 1, 3, 7, 9, 11, 13, 15
11	Mar. 10-14	7.5 7.6	1, 3, 7, 9, 11, 13, 17, 21, 23, 27 1, 3, 5, 6, 7, 9, 10
12	Mar. 17-21	7.9 3.4	1-24 (odd #'s) 1, 3, 5, 9, 11, 25 NOTE: the university is closed on March 21.
13	Mar. 24-28	8.1 8.2 8.3	1-13 (odd #'s), 19, 21, 25 1, 3, 7, 9, 13, 15, 19 1-21 (odd #'s)
14	Mar. 31-Apr. 4,7	8.4 8.5 8.6	1, 3, 7, 9, 13, 15, 19 1, 5, 7, 11, 13, 17, 19, 23, 25, 27 1, 5, 9, 13, 15, 19, 21, 25

Lab Date	Test	Topics
Jan 9	no lab	<i>n/a</i>
Jan 16	Quiz 1	5.1-5.3
Jan 23	Quiz 2	5.4-5.5
Jan 30	Quiz 3	5.5-5.6
Feb 6	Quiz 4	6.1-6.2
Feb 13	Midterm 1	5, 6.1-6.3
Feb 20	<i>no lab</i>	<i>spring break</i>

Lab Date	Test	Topics
Feb 27	Quiz 5	6.5-6.7
Mar 5	Quiz 6	6.8, 7.1-7.2
Mar 12	Quiz 7	7.3-7.4
Mar 19	Quiz 8	7.5-7.6
Mar 26	Midterm 2	6.5-6.8, 7.1-7.6
Apr 2	Quiz 9	7.9, 3.4, 8.1, 8.2