

THE UNIVERSITY OF WESTERN ONTARIO  
London Ontario  
Department of Applied Mathematics  
**AM 1413 Applied Mathematics for Engineers I**  
2017-18

Section 001: Professor A. MacIsaac, MWF 1:30-2:30, TC 141

Tutorial: 004 M 3:30-4:30 SEB 1059  
005 Th 3:30-4:30 SEB 2200  
006 F 3:30-4:30 SEB 2036

Section 002: Professor C. Essex, MWF 3:30-4:30, SEB 2200

Tutorial: 007 F 2:30-3:30 SSC 2024  
008 W 1:30-2:30 SEB 2202

Section 003: Professor A. MacIsaac, MWF 3:30-4:30, TC 141

Tutorial: 009 F 12:30-1:30 SEB 2202  
010 F 9:30-10:30 UCC 37  
011 M 1:30-2:30 MC 105B

1. **Text:** Calculus: A Complete Course, 9th edition, Adams and Essex, ISBN 978-0-13-415436-7
2. **Course Content:** The course will cover selected material in Preliminaries, Appendices I-III, and Chapters 1-13 in Calculus. A list of suggested exercises will be provided; it is strongly recommended that you solve as many of them as possible..
3. **Course Evaluation:**
  1. **20%** Quizzes or Assignments (approximately one every two weeks)
  2. **40%** Midterm Exam - December Examination Period
  3. **40%** Final Exam - April Examination Period
4. **General:** Class attendance is **mandatory!** Examinations will be closed book. No computational or electronic aids will be permitted! There will be no 100% option for the final exam.
5. **Missing Quizzes and Exams:** Missing an exam or quiz will result in a grade of zero for that exam or quiz, unless permission is granted from Engineering Student Services. If permission is granted, a prorated mark will be assigned. There will be no makeups for quizzes or midterms.
6. **Registration in Tutorials and Lecture Sections:** Students will not receive credit for writing quizzes or assignments in sections in which they are not registered. Each tutorial session is linked to a particular lecture section and quizzes and assignments will be set according to the instructor of that section. You are expected to know which lecture section and tutorial section you are registered in, and your attendance at both is **mandatory!**

It is the desire of greater powers that the following information be on all course outlines:

The UWO Senate Academic Handbook has specified that the following points should be added to all course outlines: 1. Plagiarism: Students must write their essays and assignments in their own words. Whenever students take an idea, or a passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy in the Western Academic Calendar). 2. Plagiarism Checking: The University of Western Ontario uses software for plagiarism checking. Students may be required to submit their written work and programs in electronic form for plagiarism checking. 3. Prerequisites for a course: Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you will be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites. 4. If computer-marked multiple-choice tests and/or exams are given: Use may be made of software to check for unusual coincidences in answer patterns that may indicate cheating. 5. If you are unable to meet a course requirement due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to your faculty's Deans Office as soon as possible and contact your instructor immediately. It is the student's responsibility to make alternative arrangements with their instructor once the accommodation has been approved and the instructor has been informed. In the event of a missed final exam, a Recommendation of Special Examination form must be obtained from your faculty's Deans Office immediately. For further information please see: <http://www.uwo.ca/unissec/handbook/appeals/medical.pdf> A student requiring academic accommodation due to illness, should use the Student Medical Certificate when visiting an off-campus medical facility or request a Records Release Form (located in the Deans Office) for visits to Student Health Services. The form can be found here: [https://studentservices.uwo.ca/secure/medical\\_document.pdf](https://studentservices.uwo.ca/secure/medical_document.pdf) 6. Please contact the course instructor if you require the material in an alternate format or for other arrangements to make this course more accessible for you. You may also contact services for students with disabilities at X 82147.