

Math 1230: Calculus II for Engineers

Course Outline Winter 2020

Instructor: Dr. Jianjun Chuai

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Office: A143O

Lectures: Wednesday and Friday: 8:00 am - 9:30 am, GEOR-M339

Lab: Friday: 11:00 am - 12:00 pm, GEOR-M339

Office Hours: Tuesday 12:30 pm - 1:30 pm, Thursday: 1:30 pm - 2:30 pm or by appointment

Textbook: Calculus, 6th ed., by Larson and Edwards

Course Description:

The course will cover Sections 5.7, 5.8, 7.1-7.4, 8.1-8.8, 9.1-9.10, 14.1, 14.2.

Lab: The lab will reinforce concepts through explanations and examples, as well as provide students with the opportunity to ask questions about the content given in class or assignment problems.

Grading Scheme:

Homework Assignments 10%

Midterm (Wednesday, February 19) 30%

Final Examination 60%

Important Dates:

Start Date: January 6, 2020

Study Week: February 24 to 28, 2020

Last Day of Classes: April 6, 2020

Study Day: April 7, 2020

Final Exam Period: April 8 to 19, 2020 (does not include exams April 10-13 for Easter Holidays)

Exam Contingency Date: April 20, 2020

Marks Due: April 23, 2020

Course Policies:

- You are strongly urged to submit homework/assignments on due date and time.
- There will be NO make-up midterm test. If you miss the midterm for a valid reason, the weight of the midterm will be transferred to the final.
- Attendance is highly recommended to better understand the topics. Attendance is also important for grade and exams. Some problems discussed in class may reflect on the exams.

Expectations for Successful Participation:

- Attend every class (and if you cannot, ask a learning partner to help you catch up).
- Check D2L regularly for announcements, reading and work assignments and course updates.
- Ask questions if you need clarification (in/after class).
- Keep up with your course work.

Learning Centres:

- Writing Support:

(<http://library.georgiancollege.ca/writing-centre>)

Get free help with your writing assignments!

- Math Support:

(<http://library.georgiancollege.ca/math-centre>)

Get free help with math; Understand word problems; Work with formulae

Testing Services:

(<http://www.georgiancollege.ca/student-life/studentservices/testing/>)

Accommodated testing

Counselling:

(<http://www.georgiancollege.ca/studentlife/student-services/counselling/>)

Free, confidential counseling is provided to all students by phone and/or office appointments

Accessibility Services: If you are experiencing a disability who may require academic accommodations and have not yet registered with Accessibility Services, please contact their office at (705) 722-1523 or visit their offices in B110. You must be registered with Accessibility Services to access academic accommodations. Support for those students whose success at college may be affected by a disability include:

- Ongoing support from our Accessibility Advisors including arranging a confidential psychoeducational assessment
- Training in the use of specialized computer technology
- Classroom and test accommodations

Plagiarism: See University Regulation IX Academic Misconduct

<http://csdc.lakeheadu.ca/Catalog/>