

MAT1300C- Mathematical Methods I Winter 2018

Professor: Dr. Termeh Kousha

E-mail : tkousha@uottawa.ca
Office : 585 King Edward (KED)
Room 203D

Lectures:

Tuesdays, 17:30 -19:00 TBT333
Thursdays, 17:30 -19:00 TBT333

DGD :

Discussion Group 1 Tuesday 11:30 - 13:00 STE H0104
Discussion Group 2 Thursday 08:30 - 10:00 LPR 155

Note that you are strongly encouraged to attend the DGD. The problems in the tests and the final exam will be very similar to the problems that you will see in the DGD.

Office Hours:

Thursdays 14:00-- 16:30

Description of Course:

Review of elementary functions. Limits, Differential and integral calculus in one variable with applications. Functions of several variables. Partial derivatives.

Prerequisite:

The course goes rapidly. You are assumed to have a solid background in Ontario grade 12 Advanced Functions and Introductory Calculus (university preparation), MAT1319, MAT0321 or OAC calculus. If you are unsure of your background, please come and see me.

Text:

Applied Calculus, By Shana Calaway, Dale Hoffman, David Lippman. This is an open source book. You can download the pdf here:
<http://www.opentextbookstore.com/appcalc/appcalc.pdf>

Optional: Larson, Edwards, Brief Calculus, an Applied Approach. There is also an optional student solution manual available. (Any Edition)

Website:

<http://aix1.uottawa.ca/~tkousha>

Calculator:

No calculators are permitted for this class.

Evaluation:

Tests: There will be **2 Tests** in the classroom (**2 X 25%**).

- **Test 1: Thursday 8th February**
- **Test 2: Thursday 15th March**

The 3 hour final exam (**50%**)

Notes:

- If your final exam mark is **below 40%**, then your final grade will be **F** regardless of other marks
- If a Test is missed for a valid reason, its percentage weight will be transferred to the final exam provided you notify me your professor by e-mail before the test is written and submit a proper justification (e.g. certificate from UO Health Services) when you return to class.
- Any attempt at copying is treated as a case of academic fraud, as is the facilitation of copying by others. Students must take reasonable care to prevent others from copying their work.

Talking and rudeness in class will not be tolerated. I can and will have disruptive students removed from the course.

Drop-in Center:

The math help center is located in Math Center -TBT C115.

From January 16 to April 7 (Excluding the study break in February):

Monday to Wednesday: 10:00-7:00, Thursday: 10:00-5:00 and Friday: 10:00-3:00.

For the study break, February 20-24, the center is open 10:00 to 3:00 Wednesday through Friday (closed Monday, Feb. 20 and Tuesday, Feb. 21) There will be a special schedule from April 10 to 27 (Study and Exams period) to be announced

later. The staff can help with any questions you may have. Feel free to visit as often as necessary.

Warnings:

- Cheating entails very harsh penalties. We have unfortunately caught a number of students cheating in this and other math courses over the last several years. Possible punishments range from a grade of F in the course to expulsion from the University.
- **Use of cell phones during lectures is not allowed. Make sure your cell phone is turned off.**
- The University of Ottawa does not tolerate any form of sexual violence. Sexual violence refers to any act of a sexual nature committed without consent, such as rape, sexual harassment or online harassment. The University, as well as student and employee associations, offers a full range of resources and services allowing members of our community to receive information and confidential assistance and providing for a procedure to report an incident or make a complaint. For more information, visit www.uOttawa.ca/sexual-violence-support-and-prevention.