

## **MAT1300B- Mathematical Methods I**

### **Fall 2011**

---

**Instructor:** Termeh Kousha

E-mail : tkous045@uottawa.ca  
Office : 585 King Edward (KED)  
Room 306  
Phone : 613-562-5800 Ext 3507

**Note:** You may only attend the section of MAT1300 in which you are registered.  
Students attending the wrong section risk not receiving a grade.

**Lectures :**

Tuesdays,      8:30 - 10:00    LMX 122  
Fridays,        10:00 -11:30    LMX 122

**DGD :**

[DGD](#) 1 Monday    14:30 - 16:00    SCS E218  
[DGD](#) 2 Tuesday    11:30 - 13:00    FTX 232  
[DGD](#) 3 Tuesday    11:30 - 13:00    MRT 221  
[DGD](#) 4 Thursday   14:30 -16:00    SCS E218

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:**

Tuesdays 1:30 - 3:30

**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:**

Larson, Edwards, Brief Calculus, an Applied Approach. There is also an optional student solution manual available.

### **Website:**

<http://aix1.uottawa.ca/~tkousha/MAT1300f2011.html>

### **Calculator :**

No calculators are permitted for this class.

### **Evaluation :**

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

- **Test 1: 7<sup>th</sup> October**
- **Test 2: 18<sup>th</sup> November**

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 Marion Hall, room 021.

Its hours are Monday-Thursday 10am - 7pm, and Friday 10am - 3pm. The help center begins full time on September 13th.

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

Please see the departmental website for more information on this valuable service.

### **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**.