**YORK UNIVERSITY**

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**INTAGRAL CALCULUS WITH APPLICATIONS**

**SC/MATH 1310 3.0 A, FALL 2016**

**COURSE OUTLINE**

Section A – T, R 8:30, CLH h

Text book*: Calculus. Early Transcendentals by Steward, 8th edition.*

Prerequisite: one of SC/MATH 1013 3.00, SC/MATH 1300 3.00 or (please see *Calendar*).

Instructor: Igor Poliakov, Ross S 511, tel. 736-2100, ext. 33960

e-mail: poliakov @ mathstat.yorku.ca

Office hours: Friday, 2-3 pm or by appointment

Website: https://moodle.yorku.ca/moodle/mod/forum/view.php?id=1025112

TA: TBA

Syllabus:

Chapter 5 (3, 4, 5);

Chapter 6 (1,2,3);

Chapter 7 (1-4, 8);

Chapter 8 (1, 2);

Chapters 11 (1-6, 8-10).

**Note that we will not cover all the sections of each chapter.**

The final grade will be based on the work: a) Home Assignments\*(weekly) -10%

b) 2 Class Tests - 40 %

b) Final Exam: - 50 %

\*) Weekly Assignments are done online using WebAssign. You must have access to WebAssign to complete them. In order to get access to WebAssign use Class Key: <<**yorku.ca 9609 7113** >>. If you feel that you provided the correct answer on the WebAssign and the online system has incorrectly marked your answer – you should contact to the WebAssign and try to solve this problem with them. Instructor is not responsible to a mistake of the WebAssign system.

Tentative Class Tests Schedule: **Test 1; Thursday, October 13;**

**Test 2; Thursday, November 17;**

**Tentative Class Tests Schedule is subject to change.**

MATH LAB ( S525 Ross): Hours will be announced in class.

Drop deadline: November 11th, 2016

**IMPORTANT: 1. There will be no make-up tests for missed class tests. Upon presentation of a valid excuse (a doctor’s note, lawyer’s note, etc.) the correspondent percentage will be added to the final exam.**

**2. You should keep your Test papers until you receive the Official Course Grade from the Registrar’s Office.**

**3. If you missed midterm Tests and you have a doctor note you should submit the doctor note to Instructor when you write the Final Exam.**

**4. If you have questions regarding your Test mark you have only ONE week after receiving the Test marked by TA, to discuss your Test mark with Instructor.**

**5. Please email me using your** [**\*\*\*@yorku.ca**](mailto:***@yorku.ca) **address. You will not get a response if you email from other email addresses. Emails will be answered within 3 (three) business days.**

# TENTATIVE SCHEDULE FOR MATH 1310 A 3.0 (FALL 2016)

**Week of** **Tuesday Thursday**

Sept 04 (no classes) (no classes)

Sept 11 5.3 5.4

Sept 18 5.5 6.1

Sept 25 6.2 6.3

Oct 02 7.1 7.2

Oct 09 7.3 **Test #1**

Oct 16 7.4 7.8

Oct 23 8.1 8.2

Oct 30 11.1 11.2

Nov 06 11.3 11.4

Nov 13 11.5 **Test #2**

Nov 20 11.6 11.8

Nov 27 11.9 11.10

Dec 04 (no classes) (no classes)

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**MATH 1310 A, FALL 2016**

**LIST OF RECOMMENDED HOME EXERCISES**

**Do not submit solutions to these problems – they will not be granted. There are a lot of problems, and the more that you do, the better.**

**Section 5.3: 3-85 (odd)**

**Section 5.4: 1-59 (odd)**

**Section 5.5: 1-79 (odd)**

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**Section 6.1: 3-43 (odd)**

**Section 6.2: 1-67 (odd)**

**Section 6.3: 1-47 (odd)**

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**Section 7.1: 3-65 (odd)**

**Section 7.2: 1-67 (odd)**

**Section 7.3: 1-41 (odd)**

**Section 7.4: 3-65 (odd)**

**Section 7.8: 3-63 (odd)**

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**Section 8.1: 3-45 (odd)**

**Section 8.2: 1-35 (odd)**

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**Section 11.1: 3-89 (odd)**

**Section 11.2: 1-63 (odd)**

**Section 11.3: 1-35 (odd)**

**Section 11.4: 3-41 (odd)**

**Section 11.5: 3-35 (odd)**

**Section 11.6: 3-45 (odd)**

**Section 11.8: 1-33 (odd)**

**Section 11.9: 1-41 (odd)**

**Section 11.10: 3-85 (odd)**

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