

**MATH 1103 – 003, Introduction to Calculus I**  
**Mon/Wed/Fri: 11:30 – 12:20, 1L11**  
**LAB: Monday, 2:30 – 3:45, 4M37**

**Instructor:** Dr. Anna Stokke      Office: 6L26      Phone: 786-9059  
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**Office Hours:**

Wednesday: 10:00 - 11:00 or by appointment

**YouTube channel:** <http://bit.ly/2dnb19j> (I post videos for the course here.)

**Text(s):** *Calculus, Early Transcendentals*, 8<sup>th</sup> Edition, by James Stewart (required)

We will cover topics from the following chapters/sections of Stewart:

Appendix A:      *Numbers, inequalities, absolute value*  
1.4-1.5:      *Inverse functions, exponential & log functions*  
2.1- 2.3, 2.5-2.6:      *Limits and continuity*  
2.7 – 2.8, 3.1 – 3.6:      *Derivatives*  
3.9:      *Related Rates*  
4.1- 4.3:      *Max/Min Values, Mean Value Theorem, etc.*  
4.5:      *Curve sketching*  
4.7:      *Optimization problems*

Due to time constraints, some topics on the above list may not be covered.

Your text can be purchased at this website: <http://bit.ly/2u09cIB>

<b>Grading:</b>	Pre-calculus Review Tests (Sept 18, October 2):	4% + 4%
	Midterm Tests (October 23, November 27):	17% + 17%
	Lab Assignments:	8%
	Final Exam (DATE TBA):	50%

The grade distribution used is as follows:

A+	93 – 100	A	85 – 92	A-	80 - 84
B+	75 – 79	B	69 – 74	C+	63 – 68
C	56 – 62	D	50 – 55	F	0 – 49

Final grades shall be approved by the Department Review Committee and may be subject to change.

**Policies:**

- Cell phones/electronic devices must be turned off before entering the classroom.
- Laptops are not to be used during lectures, except in special circumstances.
- If you miss a class, you must borrow the notes from another student in the class. I do not lend my notes to students.
- Proper documentation (eg. Doctor's certificate) must be provided to justify missed tests or labs.
- **Make-up tests will not be given**; the percentage missed will be prorated to the final exam.
- Late assignments will not be accepted.
- Calculators and electronic devices of any sort are not permitted during tests or exams.
- You may be asked to provide identification during test or exams.

**Proofs:** You will be tested on several proofs of theorems, which will be covered in class lectures. Proofs that appear in your textbook may not be accepted on tests or exams. (As an example, Stewart's proofs of the Product Rule and the Quotient Rule will not be accepted.)

**Handouts:** All important handouts and worksheets for your course will be posted on WebAssign.

**WebAssign (EWA):** We will be using an online service called WebAssign for practice problems and lab assignments (required). Your access code was included in the bundle with the book sold in the bookstore. Please bookmark the following website:

<http://www.webassign.net>. On your first visit, you will need to **register**.

- Begin by clicking on "I have a class key" on the right hand side. Type in the **class key in the 3 boxes: uwinnipeg.ca 6079 6580** and follow the instructions.
- **When you register with EWA, list the email address that you check regularly.**

If you have technical difficulties with EWA, call their toll-free number for help: **1-800-955-8275**.

**Labs & Lab Assignments:** Labs will be held every Monday 2:30 – 3:45.

- **Lab attendance is mandatory - attendance will be taken at the beginning of each lab. You will receive an automatic grade of zero on the lab assignment if you do not attend the lab period or if you leave the lab before completing the assignment.**
- You will be given a lab assignment at the beginning of the lab (except those days on some midterm test days) and will be required to work on, and attempt to complete it, during the lab. **Before leaving the lab, you must show the instructor or teaching assistant that you have completed the assignment.**
- **You must come to the lab prepared.** Look over the notes from the past 3 lectures before the lab and complete the practice problems to prepare. Consult your notes during the lab. Topics to be covered on the lab assignment will be listed in class each Monday.
- **Your answers must be submitted to EWA for marking by 11:00 AM on the Wednesday following the lab. Late assignments will not be accepted.**
- The two midterms and review tests will be held during the lab period.

**Pre-calculus Review Workshop and Review Tests:**

Bookmark the workshop page: <http://precalculusworkshop.uwinnipeg.ca>

You will be tested on pre-calculus material on Review Test 1 and Review Test 2. It is your responsibility to prepare for these tests independently by watching the videos and doing the exercises found at the above website. The material covered by each of the tests is as follows:

**Review Test 1** (September 18):

Algebra (Lessons 1 – 6, workshop page)

Equations and Inequalities (Lessons 1 – 7; Lesson 8 won't be included on review test)

Functions (Lessons 1 – 5, workshop page)

**Review Test 2** (October 2):

Functions (Lessons 6 – 9, workshop page)

Logarithms (Lessons 1 – 5, workshop page)

Trigonometry (Lessons 1 – 5, workshop page)

**Fall reading week** is October 8 -14, 2017. You will be given material to work on during reading week and it is important that you work through it to stay on top of the class material.

**Tutoring Centre:** The Tutoring Centre is in room 3G11. Sessions may be booked by calling 786-9129, or by going to room 3G10, 9am to 5pm, Monday – Friday.  
[tutoringcentre.uwinnipeg.ca](http://tutoringcentre.uwinnipeg.ca)

**Withdrawal:** If you wish to withdraw from a course, you must do so formally. If you simply stop going to classes, you may receive an “F” on your transcript and loss of tuition credit. Please note that the deadline for voluntary withdrawal from this course without academic penalty is November 10, 2017, and evaluative feedback will be provided to students before that date. Please note that withdrawing before the VW date does not necessarily result in a fee refund.

**Department deferral policy:** A student may ask the instructor for a deferred final exam on documented medical or compassionate grounds. It is department policy that the instructor not grant any such request based on the student’s vacation plans. Notwithstanding this departmental policy, the student has the right to formally petition the Senate Student Appeals Committee for a deferred exam. The student must consult an Academic Advisor before filing a formal appeal.

**Accessibility Services:** Students with documented disabilities, temporary or chronic medical conditions, requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., note-takers) are encouraged to contact Accessibility Services (AS) at 786-9771 or [accessibilityservices@uwinnipeg.ca](mailto:accessibilityservices@uwinnipeg.ca) to discuss appropriate options. All information about a student’s disability or medical condition remains confidential  
<http://www.uwinnipeg.ca/accessibility>.

**Academic Regulations & Policies:** Students are responsible for familiarizing themselves with the information in the Regulations & Policies section of the *Course Calendar*, including Senate appeals and academic misconduct (e.g. plagiarism, cheating)  
<http://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf>  
Please watch the following video on avoiding plagiarism:  
<https://www.youtube.com/watch?v=UvFdxRU9a8g>

**Respectful Working & Learning Environment:** All students, faculty and staff have the right to participate, learn, and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy may be found online at [www.uwinnipeg.ca/respect](http://www.uwinnipeg.ca/respect)

**Other notes:** Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make up work examinations without penalty. A list of religious holidays is at <http://bit.ly/2vmdhdj>

When it is necessary to cancel a class due to exceptional circumstances, instructors will make every effort to inform you via uwinnipeg email, as well as the departmental assistant and Chair/Dean so that class cancellation forms can be posted outside classrooms.

Your uwinnipeg email address will normally be used for course related correspondence.