INSTRUCTORS

<table>
<thead>
<tr>
<th>Name</th>
<th>Lecture</th>
<th>Office</th>
<th>E-Mail</th>
<th>Office Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farzamirad, M.</td>
<td>m113,A1,</td>
<td>CAB 421</td>
<td><a href="mailto:meymanat@ualberta.ca">meymanat@ualberta.ca</a></td>
<td>TR 10-12 or by appointment</td>
</tr>
<tr>
<td></td>
<td>D1</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Gao, N.</td>
<td>m113, B1</td>
<td>CAB 695</td>
<td><a href="mailto:niushan@ualberta.ca">niushan@ualberta.ca</a></td>
<td>TR 15-16 or by appointment</td>
</tr>
<tr>
<td>Tokarsky, G.</td>
<td>m113,C1,</td>
<td>CAB 469</td>
<td><a href="mailto:tokarsky@ualberta.ca">tokarsky@ualberta.ca</a></td>
<td>MW 10-10:50, R 11:30-12:20 or by appointment</td>
</tr>
<tr>
<td>Osmanagic, E.</td>
<td>m113, F1</td>
<td>CAB 481</td>
<td><a href="mailto:enver@ualberta.ca">enver@ualberta.ca</a></td>
<td>MW, 14:15-16, F, 10-10:45 or by appointment</td>
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<tr>
<td>Fok, R.</td>
<td>m113, G1</td>
<td>CAB 485</td>
<td><a href="mailto:rfok@ualberta.ca">rfok@ualberta.ca</a></td>
<td>TR 10:30-11:30 or by appointment</td>
</tr>
<tr>
<td>Leonard, E.</td>
<td>m113, H1,</td>
<td>CAB 679</td>
<td><a href="mailto:eleonard@ualberta.ca">eleonard@ualberta.ca</a></td>
<td>MWF 14:30-15:30 or by appointment</td>
</tr>
<tr>
<td>Powell, B.</td>
<td>m113, J1</td>
<td>CAB 687</td>
<td><a href="mailto:bpowell@ualberta.ca">bpowell@ualberta.ca</a></td>
<td>M 10-11, W 15:15-16:15, F 10-10:45 or by appointment</td>
</tr>
<tr>
<td>Biglands, A.</td>
<td>m113, K1</td>
<td>CAB 626</td>
<td><a href="mailto:biglands@ualberta.ca">biglands@ualberta.ca</a></td>
<td>TR 13-14:30</td>
</tr>
<tr>
<td>Cartledge, P.</td>
<td>m113 , L1,</td>
<td>CAB 409</td>
<td><a href="mailto:pdc2@ualberta.ca">pdc2@ualberta.ca</a></td>
<td>MWF 10-11, TR 11-12:30 or by appointments</td>
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<tr>
<td></td>
<td>m114, D2</td>
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<tr>
<td>Yahya, H.</td>
<td>m114, B1,E1</td>
<td>CAB 471</td>
<td><a href="mailto:hafizah@ualbert.ca">hafizah@ualbert.ca</a></td>
<td>MW 10-11 or by appointment</td>
</tr>
<tr>
<td>Mendez-Diez, S.</td>
<td>m114,C2</td>
<td>CAB 509</td>
<td><a href="mailto:mendezdi@ualberta.ca">mendezdi@ualberta.ca</a></td>
<td>MW 11-12 or by appointment</td>
</tr>
<tr>
<td>Chen, X.</td>
<td>m114,D1</td>
<td>CAB 479</td>
<td><a href="mailto:xic@ualberta.ca">xic@ualberta.ca</a></td>
<td>MWF 13-14</td>
</tr>
<tr>
<td>Spector, S.</td>
<td>m114,F1</td>
<td>CAB 401</td>
<td><a href="mailto:spektor@ualberta.ca">spektor@ualberta.ca</a></td>
<td>MF 11:30-13 or by appointment</td>
</tr>
<tr>
<td>Yaskina, M.</td>
<td>m 114, H1</td>
<td>CAB 463</td>
<td><a href="mailto:yaskina@ualberta.ca">yaskina@ualberta.ca</a></td>
<td>TR 11-12 or by appointment</td>
</tr>
<tr>
<td>Lau, A.T.</td>
<td>m114, J1</td>
<td>CAB 693</td>
<td><a href="mailto:anthonyt@ualberta.ca">anthonyt@ualberta.ca</a></td>
<td>TR 10-10:50, W 15-15:50 or by appointment</td>
</tr>
<tr>
<td>Schmuland, B.</td>
<td>m114, K1</td>
<td>CAB 473</td>
<td><a href="mailto:byrons@ualberta.ca">byrons@ualberta.ca</a></td>
<td>TR 15:30-16:30 or by appointment</td>
</tr>
</tbody>
</table>

Course Web Page: https://eclass.srv.ualberta.ca/portal

Textbook:

The 7th edition of "Calculus, Early Transcendentals" by J. Stewart.
You can choose one of the following 3 options:

1. For students who do not want a physical copy of the textbook, it will suffice to purchase stand-alone access to Enhanced WebAssign, available at the Special Services Desk.
   ISBN: 9780538738071

2. For students who would prefer a physical copy of the textbook but are certain they will NOT be taking second-year calculus courses, the following option is available:
   ISBN: 9780176579203
   - Includes one Student Solutions Manual (Single Variable)
   - Includes one Life of Edition access code to Enhanced WebAssign with digital Youbook (e-book)

3. For students who would prefer a physical copy of the textbook and who WILL likely be taking second-year calculus courses, the following option is available:
   Hardcover bundle, Calculus Early Transcendentals (7th edition)
   ISBN: 9780176579197
   Includes two Student Solutions Manuals (Single Variable and Multi Variable)
   Includes Life of Edition access code to Enhanced WebAssign with digital Youbook (e-book)
**Prerequisite:**
Math 30 or equivalent. It is important that students have a good grasp of the material covered in Math 10, 20, and 30. Students who have taken Math 31 are encouraged to register in Math 114.

**Calculators:**
Use of a calculator or formula sheets during exams will not be permitted.

**Objectives and Course Content:**
The first course of Calculus is a basic mathematical tool for a large population of students. This course aims to provide the knowledge and to prepare students to solve optimization, rate of change and area problems using the basics of calculus. The material for the course will correspond approximately to Chapters 1 - 5 (excluding sections 1.4, 2.4, 3.8, 3.11, 4.4, 4.6, 4.8) plus appendices A, B, C, D and E.

**Final Grades:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Labs</th>
<th>Assignments</th>
<th>Midterm Examination</th>
<th>Final Examination</th>
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</thead>
<tbody>
<tr>
<td>Math 113</td>
<td>5%</td>
<td>10%</td>
<td>30%</td>
<td>55%</td>
</tr>
<tr>
<td>Math 114</td>
<td></td>
<td>10%</td>
<td>35%</td>
<td>55%</td>
</tr>
</tbody>
</table>

An overall course mark of 50% or more guarantees a passing grade of at least D. An overall course mark of 90% or more guarantees a grade of at least A-.

**Assignments:**
There will be 10 online-graded assignments during the semester. The best 9 out of 10 assignments will be counted. We use an online web-based system called WebAssign (www.webassign.net) for online assignments. Each student is required to register on WebAssign using access code that comes with your copy of the textbook. For the course key for your section and registration instructions, please consult “EWA Registration Instruction”, posted on Eclass.

You will be asked to make your own login id and password. Enter a username of your choice. Please choose something different than your U of A CCID. For Student Information field, please use your real first and last name so that the instructor can properly identify you on the online grade book. Please use your U of A email address here. Do not supply your student ID#.

Once you login to WebAssign, you will be able to see the homework assignments and when a homework is available and due. After an answer is entered on WebAssign, you will get an instant response as to if your answer is correct. You are allowed three tries before a final answer is recorded. Online helps such as hints, step-by-step help are available at your fingertip while you work on homework. Please complete your homework before the due date.

**On-Line Homework Disclaimer:** On-line homework is a component of this course and is provided by a third-party company. Please be aware that this company will be storing assessment information that may be associated with you.

**Laboratory:**
Math 113 students should be registered in one of the laboratory section attached to your lecture section. You are to purchase the Lab Manuals from CAB 680, Wednesday, Sep. 04 – Friday, Sep 13, 8:30 am-4:30 pm. ($8, cash only).
Each lab section will meet for 50 minutes per week. There will be a quiz during the second half of each week’s lab. Quiz solutions will be posted on Math 113 Lab website. We will drop the worst lab mark and calculate an average for the rest at the end of the term. You are strongly encouraged to prepare yourself for the lab tests, do as many of problems from the book as possible before going to the lab. Labs will start on Monday, September 9.

**Examinations:**
Exams are **closed book, closed notes. No calculators and no formula sheets** are allowed at the exams. Also, **mobile phones are not to be brought to exams.** Your student photo I.D. is required at exams.
Students will not be allowed to begin an examination after it has been in progress for 30 minutes. Students must remain in the exam room until at least 30 minutes has elapsed.

**Exam Dates and Times:**

**Midterm Exam:**
- **MWF Lectures:** Wednesday, October 23, in class
- **TR Lectures:** Thursday, October 24, in class
Note: For both MWF and TR lectures midterm exam will last 50 minutes.

**Final Exam:**

**MWF Lectures:**

**Group 1:** Math 113, Lec A1.
Final Exam: Dec.09 at 9 AM

**Group 2:** Math 113, B1, C1 and Math 114, B1.
Final Exam: Dec. 16 at 9AM

**Group 3:** Math 113, D1 and Math 114, C1, C2
Final Exam: Dec. 11 at 9 AM

**Group 4:** Math 113, E1, F1 and Math 114, D1, D2
Final Exam: Dec.12 at 9 AM

**Group 5:** Math 113, G1 and Math 114, E1
Final Exam: Dec. 16 at 2 PM

**Group 6:** Math 113, H1 and Math 114, F1
Final Exam: Dec.13 at 2 PM

**Group 7:** Math 113, J1,
Final Exam: Dec. 17 at 2 PM

**TR Lectures:**

**Group 8:** Math 114, H1
Final Exam: Dec. 13 at 9 AM

**Group 9:** Math 113, K1 and Math 114, J1
Final Exam: Dec. 10 at 9 AM

**Group 10:** Math 113, L1 and Math 114, K1
Final Exam: Dec.11 at 2 PM
NOTE: The date of the final examination is set by the Registrar and takes precedence over the final examination date reported in this document. Students must verify this date on Bear Tracks when the Final Examination Schedule is posted.

Missed Midterm:
A student who cannot write a midterm due to religious conviction, incapacitating illness, severe domestic affliction or other compelling reasons may apply for an excused absence. To apply for an excused absence, the student must present supporting documentation pertaining to the absence to the instructor within two working days following the scheduled date of the missed term work, or as soon as the student is able. In the case of religious conviction, the student must inform the instructor by the end of the second week of classes. In the case of an incapacitating illness, either a medical note or a statutory declaration (which can be obtained at the student's Faculty Office) will be accepted.

An excused absence is a privilege and not a right; there is no guarantee that an absence will be excused. Misrepresentation of facts to gain an excused absence is a serious breach of the Code of Student Behavior.

If an excused absence is granted, the weight of the midterm will be added to the final exam.

Missed Final Examination:
A student who cannot write the final examination due to incapacitating illness, severe domestic affliction or other compelling reasons may apply for a deferred final examination. Such an application must be made to the student's Faculty office within 48 hours of the missed examination and must be supported by a Statutory Declaration (in lieu of a medical statement form) or other appropriate documentation (Calendar section 23.5.6).

Deferred examinations are a privilege and not a right; there is no guarantee that a deferred examination will be granted. Misrepresentation of facts to gain a deferred examination is a serious breach of the Code of Student Behavior.

The deferred final examination is scheduled as follows:

Date: Saturday, January 11, 2014.
Time: 9:00 am (register at 8:30 am)
Location: CAB 357

Re-examination:
A student who writes the final examination and fails the course may apply for a re-examination. Re-examinations are rarely granted in the Faculty of Science. These exams are governed by University (Calendar section 23.5.5) and Faculty of Science Regulations (Calendar section 192.5.9). Misrepresentation of facts to gain a re-examination is a serious breach of the Code of Student Behavior.

Student Responsibilities

Academic Integrity:
The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behavior (online at www.governance.ualberta.ca) and avoid any behavior which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

All forms of dishonesty are unacceptable at the University. Any offense will be reported to the Senior Associate Dean of Science who will determine the disciplinary action to be taken. Cheating,
plagiarism and misrepresentation of facts are serious offenses. Anyone who engages in these practices will receive at minimum a grade of zero for the exam or paper in question and no opportunity will be given to replace the grade or redistribute the weights. As well, in the Faculty of Science the sanction for cheating on any examination will include a disciplinary failing grade (no exceptions) and senior students should expect a period of suspension or expulsion from the University of Alberta.

**Exams:**
Your student photo I.D. is required at exams to verify your identity. Students will not be allowed to begin an examination after it has been in progress for 30 minutes. Students must remain in the exam room until at least 30 minutes has elapsed. Electronic equipment cannot be brought into examination rooms.

**Cell Phones:**
Cell phones are to be turned off during lectures, labs and seminars. Cell phones are not to be brought to exams.

**Audio or Video Recording:**
Audio or video recording of lectures, labs, seminars or any other teaching environment by students is allowed only with the prior written consent of the instructor or as a part of an approved accommodation plan. Recorded material is to be used solely for personal study, and is not to be used or distributed for any other purpose without prior written consent from the instructor.

**Students with Disabilities:**
Students who require accommodation in this course due to a disability are advised to discuss their needs with Specialized Support & Disability Services (2-800 Students' Union Building).

**Student Success Centre:**
Students who want to improve their learning and academic capacity (such as better time management, study skills or examination skills) are encouraged to contact the Student Success Centre (2-300 Students’ Union Building).

**Learning Resources:**

**Help Sessions:**
“Decima Robinson Support Centre for Mathematical and Statistical Sciences” is offering the PrecalculusCourse concurrently with your Math 113 course designed to cover high school material as you need it during your Calculus course. More information will be given in class. Also Drop-In Help on a first-come first-serve basis in CAB 528, Monday to Friday from 9:00 to 3:00 pm. The Support Center is also offering optional weekly Math 113 seminars, every Friday from 3 to 4 PM.

**Student Success Centre:**
The Student Success Centre provides resources for students facing challenges in their university experiences, requiring specialized support, or seeking to improve their learning and academic capacity, details at www.studentsuccess.ualberta.ca.

**Disclaimer:**
Any typographical errors in this Course Outline are subject to change and will be announced in class. The date of the final examination is set by the Registrar and takes precedence over the final examination date reported in this outline.

Policy about course outlines can be found in section 23.4(2) of the University Calendar.
## Tentative Schedule

<table>
<thead>
<tr>
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<th>Dates</th>
<th>Number of Lectures</th>
<th>Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>September</td>
<td>4-6</td>
<td>2</td>
<td>Sect. 1.1, 1.2</td>
</tr>
<tr>
<td>September</td>
<td>9-13</td>
<td>3</td>
<td>App. D, Sect. 1.3, 1.5</td>
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<tr>
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<td>16-20</td>
<td>3</td>
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<tr>
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<td>23-27</td>
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<td>Sect. 2.3, 2.5, 2.6</td>
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<td>Sept./October</td>
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<td>October</td>
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<td>3</td>
<td>Sect. 3.1, 3.2, 3.3</td>
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<tr>
<td>October</td>
<td>14-18</td>
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<td>21-25</td>
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<td>Review/Midterm, Sect.3.6, 3.7</td>
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<td>Sect. 3.9, 3.10, 4.1</td>
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<td>11-15</td>
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<td>December</td>
<td>2-4</td>
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