UNIVERSITY OF CALGARY

DEPARTMENT OF MATHEMATICS AND STATISTICS

COURSE OUTLINE

Course: Math 267 – University Calculus II   **Dates**: September 11, 2017–December 08, 2017

1.

Lec	Day	Time	Location	Instructor	Office	Phone	Email	Office Hours
01	MWF	12:00-12:50	KNB 132	Micheal Pawliuk	MS 354	220-3943	mpawliuk@ucalgary.ca	TBA

Desire 2 Learn (D2L) course name: MATH 267 L01 (Fall 2017)- University Calculus II

Department of Mathematics and Statistics – MS476 Telephone number – 403-220-5210

2. Prerequisites: Mathematics 249 or 251 or 265 or 275 or 281 or Applied Mathematics 217.

Antirequisite(s): Credit for more than one of Mathematics 267, 277, 349, or Applied Mathematics 219 will not be allowed**.** (see Section 3.5C of Faculty of Science www.ucalgary.ca/pubs/calendar/current/sc-3-5.html and Course Descriptions: www.ucalgary.ca/pubs/calendar/current/course-desc-main.html

3. Grading: The University policy on grading and related matters is described sections F.1 and F.2 of the online University Calendar.   In determining the overall grade in the course the following weights will be used:

Assignments	20% (10 Lyryx assignments)
Midterm Tests	40% (2 out of class midterms: Oct. 12 and Nov. 16, 7:00pm-9:00pm)
Final Examination	40% (To be scheduled by the Registrar)

A passing grade on the final exam is required to receive an overall grade of C- or better in the course.

Midterm 1 will cover material from Chapters 1 and 2.

Midterm 2 will cover material from Chapter 3.

The final exam will emphasize material from chapters 4,5 and 6, but will also contain material from the entire course. Over the midterms and the final exam, each third of the course will be (roughly) equally represented in the final grade.

Assignments are due on Mondays as follows:

1	Sept 18	6	Oct 30
2	Sept 25	7	Nov 6
3	Oct 2	8	Nov 20
4	Oct 16	9	Nov 27
5	Oct 23	10	Dec 4

Each piece of work (assignment, laboratory report, midterm test or final examination) submitted by the student will be assigned a percentage score. The student's average percentage score for the various components listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the course letter grade [bearing in mind that an F grade will result if the student does not pass the final examination]. The conversion between course percentage and letter grade is given below:

Letter Grade	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	F
% range	≥ 96	≥ 91	≥ 86	≥ 81	≥ 76	≥ 72	≥ 68	≥ 64	≥ 60	≥ 59	≥ 55	<55

4. **Expectations**

4.1 Your expectations for me

Above all, you can expect I will be professional and respectful in every aspect of the course. You can expect that I will provide you with clear goals, clear assignments and provide you with the tools to succeed in the course. You can expect that the midterms and final exam will accurately reflect material, techniques and ideas covered in class and on the assignments. Tests will be marked fairly and will be returned within a week, barring exceptional circumstances. I will be receptive to your questions, comments and concerns and I will be accessible, both in my office hours and by email. You can expect that most emails will be responded to in a day or less.

4.2 My expectations for you

Above all, I expect you to engage the course material personally, intimately, honestly and thoughtfully. I expect you to develop an understanding of the basic notions, definitions and techniques in integral calculus through extensive problem solving, engaging in the lectures and tutorials, and by asking *a lot* of questions. I expect you to to seek out help when you need it. I expect you to be comfortable with routine, but possibly lengthy, calculations. By the end of the course you should know all of the standard ideas in integral calculus, know some of the history of the area, and develop your problem solving abilities.

Former students of mine have found my guides to first year-calculus very helpful:
https://wp.me/p3uYlF-jj

4.3 Your expectations for the tests

When designing tests for my courses I typically do *not* look at previous year's tests. **Do not expect the tests in this course to have a similar structure or contain similar styles of questions to tests from previous years**. You should expect the tests to be fair, accurate reflections of the course material as presented in lectures, tutorials and assignments. I am interested in assessing how well you know the course material; I am not interested in how well you know previous years' midterms. I will give you more details closer to the tests.

4.4 Equity and fairness in the course

> This course will emphasize cooperation and consensus-building over competition. You are encouraged to *make space* for all students, in particular those whose voices are not typically heard, which includes listening to, respecting, encouraging, asking for input from, and promoting others.

5. **Missed Components of Term Work:**   The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in Section 3.6. It is the student's responsibility to familiarize himself/herself with these regulations.   See also Section E.6 of the University Calendar. In the unlikely event of a health problem, the Physician/Counsellor Statement Form must be accompanied by either "Application for Deferred Final Examinations" or an "Application for Deferment of Term Work" in order to gain approval for such request. For all other missed term work such as quizzes, assignments or midterms, the Physician/Counsellor Form must be handed directly to your course instructor for approval.

6. **Course Materials: Online Course Components**: Lyryx Learning (assignments)

   We will be using the Lyryx system for homework purposes, offering formative online assessment in an effort to support student learning. The student license is normally $39.95+GST payable upon registration on the Lyryx system. Lyryx is offering students access to their Lyryx online homework at no cost when using University computers, including in MS317, 515, 521, & 571, AFC, TFDL and ES160 computers labs. The normal license fee will continue to be charged only to students who chose to be able to access their Lyryx account from off campus or other locations.

   Texts: There are no required textbooks for this course. All of the relevant material will be covered during lectures. Textbooks are useful in that they are a good source of worked examples and practice problems.

   Suggested: A (free) open text in electronic form is available in your Lyryx account. It can be freely distributed and printed. The course outline will refer to the chapters in this text.

   Optional: Literally any first year calculus book. Any version and any edition of James Stewart's textbook of Calculus. Any version and any edition of Robert Adams and Christopher Essex's textbook of Calculus.

7. **Examination Policy**:   The use of aids is **not** permitted in midterm test and final examination.   Also read the Calendar, Section G, on Examinations.

8. **OTHER IMPORTANT INFORMATION FOR STUDENTS:**

   (a) **Academic Misconduct:** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty.   Please read the sections of the University Calendar under Section K. Student Misconduct to inform yourself of definitions, processes and penalties

(b) Assembly Points: In case of an emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on assembly points.

(c) Academic Accommodation Policy: Students with documentable disabilities are referred to the following links: Calendar entry on students with disabilities and Student Accessibility Services. Students needing an Accommodation in relation to their coursework or to fulfill requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the Associate Head of Mathematics and Statistics, Jim Stallard, by email at jbstall@ucalgary.ca or by phone at 403-220-3953.

(d) Safewalk: Campus Security will escort individuals day or night (http://www.ucalgary.ca/security/safewalk/). Call 403-220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.

(e) Freedom of Information and Privacy: This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also http://www.ucalgary.ca/secretariat/privacy.

(f) Student Union Information: VP Academic Phone: 220-3911 Email: suvpaca@ucagary.ca.
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca; Student Ombudsman

(g) Internet and Electronic Device Information: You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.

(h) At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference - please participate in USRI Surveys.