

Simon Fraser University
MATH 158 E100 Calculus for the Social Sciences II
Course Outline – Spring 2015

You MUST read this document FULLY as it contains ALL necessary information pertaining to this course.

Instructor:

Office hours:

Email:

Web page:

Dr. Jeffrey Wiens

Mon 10:30-12:30 ACW

jwiens@sfu.ca

<https://canvas.sfu.ca>

Lectures:

M 16:30 – 17:20, W 16:30 – 18:20 B9201

Applied Calculus Workshop Coordinator (ACW):

Office hours:

Email:

Will Ko

Wed 10:30-12:30 K9512.1

wka11@sfu.ca

Prerequisite: MATH 150 or 151 or 154 or 157. Students with credit for MATH 152 or 155 may not take MATH 158 for further credit.

Textbook: *Applied Calculus for the Managerial, Life, and Social Sciences*, First Canadian Edition Second Print by Tan, Menz, Ashlock, published by Nelson, ISBN 0176609954.

Calendar Course Description: Theory of integration and its applications; introduction to multivariate calculus with emphasis on partial derivatives and their application; introduction to differential equations with emphasis on first order equations and their application to economics and the social sciences; continuous probability models; sequences and series.

Applied Calculus Workshop (ACW): Students registered in Math 158 are encouraged to come to the Applied Calculus Workshop (K 9503) for assistance with problems and questions any time during posted working hours. At the workshop students will have the opportunity to meet with the instructor, teaching assistants and other students, and work together to understand mathematics in a friendly and helpful environment. Please make use of this valuable resource. The schedule of open hours is posted on Canvas.

Academic Integrity: Simon Fraser University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offenses under Academic Honesty and Student Conduct Policies (see <http://www.sfu.ca/policies/gazette/student.html>).

Paper Assignments: Weekly paper assignments consist of **two** components: **instructor questions** (posted on CANVAS as separate pdf) and **textbook questions** (posted on CANVAS in the so called assignment schedule).

Assigned **textbook questions** are not to be submitted. However, you should complete these assignments on schedule as posted in the assignment schedule to stay on top of the material **and** because some of these **textbook questions** will show up again as questions on any of the three examinations you will have in this course.

Only **instructor questions** are to be submitted as an assignment to the **drop boxes OUTSIDE** the Applied Calculus Workshop by **LAST NAME, COURSE NUMBER, and COURSE SECTION** on **Mondays by 4:30 pm**. See the assignment schedule on CANVAS for due dates. You must staple a cover sheet to your instructor questions. The cover sheet is posted on CANVAS. Instructor questions are worth 10 marks each.

Late assignments, unstapled assignments, assignments without cover pages, assignments left in the incorrect box, assignments with textbook solutions attached, or copied assignments will not be accepted and will receive a mark of zero.

In order to account for unexpected illnesses etc., everyone is excused from one instructor question, i.e. the instructor question part of your final grade will be based on the best 9 out of 10 assignments.

Assignments can be picked up from **pick-up slots INSIDE** the workshop about 1-2 weeks after submitting the assignment. Check your grade on CANVAS before you pick up your assignment and make sure that it is recorded correctly.

Questions about Paper Assignments: All questions pertaining to the grading and recording of assignments should be addressed in person to the Applied Calculus Workshop coordinator. See the ACW folder on CANVAS for day and times.

Midterm Examinations: Midterm tests are written in the lecture hall and are 50 minutes in duration. See Important Dates below for the midterm dates.

Questions on Midterm Examinations: Make-up and Retakes are **NOT** given for midterms. If you have missed a midterm you must provide your instructor (**not** the workshop coordinator) with a valid reason and documentation otherwise you receive a mark of zero.

Remarking requests for Midterm Examinations: Midterm exams are for you to keep. Be sure to pick them up from the workshop in a timely manner as we do not have storage facilities. Upon pick-up of your midterm exam, you must read through the exam and ensure that all marks have been added up correctly. If there is a mistake, please notify the TA present immediately. If you want to request remarking of your midterm exam, you must do so before you leave the workshop by filling out the required form available from the TA present. Once you leave the workshop with your midterm exam you forfeit all rights for remarking your exam. **Note 1:** You should come prepared by having read through the solutions posted on Canvas. **Note 2:** Requesting remarking entitles the examiner to remark your ENTIRE exam, which may result in your grade being lowered or raised, or staying the same. It is our experience that most remarking requests result in the same grade or a lower grade.

Final Examination Period: Students are strongly advised NOT to make plans for travel or employment during the exam period since special arrangements will NOT be made for examinations that may conflict with such plans. The final exam is 3 hours in duration. See *Important Dates* below for schedule of the final exam.

If you have an exam at one location (e.g., Burnaby campus) followed immediately by an exam at another location (e.g., Vancouver or Surrey campus), please report this to the Departmental Assistants by the end of the second week of classes. Advance arrangements will be made for you to write both exams at a single location.

Religious Accommodation: Students requesting religious accommodation must tell the instructor by the end of the first week of term.

Illness or Personal Issues: You must contact your instructor as soon as possible in case of illness or personal issues that affect any course requirements. Here is a link to a web page to help you understand your responsibilities with regards to missed academic requirements due to illness. It is referred to as the "Sick Note" page. <http://students.sfu.ca/health/healthclinics/sicknotes.html>.

Calculators: Only scientific calculators with no graphing, and programming capabilities are allowed in all midterm and final examinations. Any student found in possession with a calculator that does not adhere to the above specifications during a test or exam will **immediately receive a mark of 0**.

Canvas: In the Canvas MATH 158 container you will find basic information about your course, the instructor, and the Applied Calculus Workshop. All assignment and exam solutions will be posted on Canvas. Under MY GRADES, during the semester, you will be able to check your assignment and midterm marks. The DISCUSSION will be open at all times. There you can exchange your questions and ideas about the course topics among each other.

Important Dates:

Midterm 1:	Monday, February 2 in lecture hall
Drop Date w/ penalty:	Monday, February 16 (Last day for undergraduates to drop classes with WD appearing on their records.)
Midterm 2:	Monday, March 9 in lecture hall
Final Exam:	Friday, April 17, 19:00-22:00 room TBA

Grading: Your course final percentage is calculated as follows:

Assignments:	20% (best 9 out of 10)
Midterm 1	15%
Midterm 2	15%
Exam	50%

Note that all assignments (except one) and all tests will count in the overall course grade, and **there will not be an option for an alternative weighting of marks** (such as 90% for the final exam). The lowest mark of the 10 assignments will automatically be dropped, so that **no record-keeping is needed if you miss one assignment due, for example, to illness**.

Notes from your Instructor: I encourage you to make appropriate use of all sources of available information, including: the textbook, material on the Web, the Applied Calculus Workshop, the teaching assistants, my office hours, and other students. I am open to receiving constructive feedback on my teaching and on the course throughout the term.