

Intermediate Calculus I
Math 214 – Lecture C1
September – December 2014

Time and Place: MWF 13:00 – 13:50, SAB 326.

Instructor: Alexander Litvak,

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(Please, don't forget to **sign** your e-mail. Please put “**MATH 214**” in the **subject**),

Homepage: <http://www.math.ualberta.ca/~alexandr/>

Office Hours: MWF 14:10 – 15:00 or by appointment (usually I am available MWF).

Course description, Textbook, and tentative Syllabus: The main topics are infinite series, geometry of plane and space with emphasis on curves, and partial derivatives. Textbook is “Calculus” by J. Stewart, 7th edition (early transcendentals), Brooks/Cole. We plan to cover Sections 11.1–11.10, 12.1–12.6, 13.1–13.3, 14.1–14.8. If you do not want to buy the book, you can purchase stand-alone access to Enhanced Web Assign. Please note that the lectures may deviate in parts from the textbook, and that for assignments, quizzes, and exams the content of the lectures is most important.

Prerequisite: Math 115 or equivalent. Please note that this course may not be taken for credit if credit has already been obtained in MATH 209 or in MATH 217.

Course website: All course materials and announcements will be posted at **my webpage** <http://www.math.ualberta.ca/~alexandr/courses/214-2014-C1>

If you have any question **consult this webpage (and this outline) first.**

Grading Policy: Your course grade will be based upon your marks in exams and assignments weighted as follows:

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| 50% | Final (14:00–16:00, Monday, December 15 (tentative date)) |
| 35% | In class quizzes (Sept. 17, Oct. 1, 15, and 29, Nov. 12, and 26) |
| 15% | Homework Assignments (due on Fridays, except Sept. 5) |

There will be **no curve**, but the actual distribution of marks will be taken into account. An overall course mark of 50 % or more guarantees a passing grade of at least D, an overall course mark of 95 % or more guarantees a grade of at least A+. If your mark for the final is higher than your mark for the term then 65% will be given for the final, 25% for quizzes and 10% for homework.

Quizzes will be written at the end of corresponding classes for approximately 15 minutes. They will be based on the class material, given exercises and drill problems, as well as on H/A. There will be **6 quizzes** and your grade will be based on the **best 5**. Please note, there will be **no make-up quizzes**, so I strongly recommend to write all the quizzes.

Calculators and Cell Phones: Calculators, notes, books, etc. **are not allowed** during quizzes and final exam. **Cell phones** are to be turned off during lectures. Cell phones **are not to be brought to exams.**

Homework Assignments (H/A): H/A will be given via WebAssign. At <http://www.webassign.net> click on “ENTER CLASS KEY” and enter “ualberta 7647 2124.” Creating your account, **please include your student ID number**. Assignments will be due on Fridays (except Sept. 5) before midnight, **late assignments will not be accepted**. There will be 12 assignments and the grade will be based on the best 10. **If you have a problem with WebAssign please contact the student support of WebAssign** by calling 800-9558275 or sending a request at http://www.webassign.net/info/contact_us.html. Please **do not write me via WebAssign** – use my regular e-mail (put MATH 214 in the subject). Please note that on-line H/A is a component of this course provided by a third-party company, which will be storing assessment information that may be associated with you. You will also be given many exercises (drill problems). I **strongly recommend** to do all of them. The quiz problems will be very similar to the drill problems and H/A.

Dates: First Class: *Sept. 3*; Last class: *Dec. 3*; No classes: *Oct. 13 and Nov. 10*;
Quizzes: *Sept. 17, Oct. 1, 15, and 29, Nov. 12 and 26*;
H/A: *Sept. 12, 19, and 26, Oct. 3, 10, 17, 24, and 31, Nov. 7, 14, 21, and 28*;
Final exam: *Dec. 15* (tentative date, please check Bear Tracks); Deferred exam: *Jan. 10*.

Math Help Sessions: Students experiencing difficulties in any 100 or 200-level math courses can get help in the Support Centre at CAB 528 from 9:00 to 15:00 (please be specific with your questions).

Missing Final Exam: If you miss the final exam and have an acceptable excuse you can apply for a deferred final exam. The application **must** be submitted to **your Faculty office** within two working days of the missed exam and must be supported by a Statutory Declaration (in lieu of a medical statement form) or other appropriate documentation (see §23.3(2) and §23.5.6 of the University Calendar). Note that misrepresentation of facts to gain a deferred exam is a serious breach of the Code of Student Behaviour. If the permission is granted, you may write a **deferred exam** January 10, 2015, 09:00–11:00 in CAB 357 (you must come at 8:30 to be registered). For re-examinations consult §23.5.5 and §192.5.3.

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 Behaviour* (available online at <http://www.governance.ualberta.ca>) and avoid any behaviour 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.

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.

Policy about course outlines can be found in §23.4(2) of the University Calendar.