

## COURSE GUIDE

### Math 114 Section 2, Spring 2014

INSTRUCTOR : Prof. Wolfgang Ziller

Office: DRL 3E3A , phone: Ext. 8-8461

Office hours: Tuesday, Thursday 10:30-11:30am

e-mail: wziller@math.upenn.edu

home page: <http://www.math.upenn.edu/~wziller>

LECTURE: Tu,Th 12-1:30, in DRL A8

ASSISTANT : Shanjit Singh Jajmann

Office: DRL 3C17

Office hours: Monday 12-1pm, Friday 10-11am

e-mail: [sjajmann@seas.upenn.edu](mailto:sjajmann@seas.upenn.edu)

TEXTBOOK: Thomas: Calculus, Early Transcendentals.

Revised Custom Edition for the University of Pennsylvania,  
Pearson 2012.

optional: Maple software.

OFFICE HOURS: Please make use of the office hours, both of your TA and your professor! It will also help us to get to know you better.

OTHER HELP: Besides the office hours, there is lots of help available for Calculus (Math Center, Sunday Night Review, Tutoring Center, individual tutors), see

<http://www.math.upenn.edu/ugrad/Undergrad.html>

and the Math 114 home page

<http://www.math.upenn.edu/ugrad/calc/m114/>

for details. Study some of the links now, so you have an idea what is available when you need it. The course is fast paced and you cannot afford to fall behind. The difficulty level also increases as we go along.

HOMEWORK: Homework consists of two parts. The first part are online problems from the book to be completed in My Math Lab (see below). The second part are Past Final Exams Problems (see <http://www.math.upenn.edu/ugrad/calc/m114/oldexams.html>). The Past Final Exams Problems need to be handed in to the TA on the due date. Only in hand writing, no copies allowed. Please write legibly since 1 problem will be graded each week. You can work on problems together, but the write up you should do on your own.

RECITATION: During each recitation there will be a 5 minute quiz taken from the homework assignment which was due the previous week. The first quizz will be January?. There will be no make up quizzes, although the lowest quizz will be dropped. Recitations will begin with a discussion of the assignment due. The quiz will be given in the last 5 minutes of the period. Come prepared to discuss the problems! You should try to do all of the Past Final Exams Problems before recitation.

MAPLE: Maple will not be a required part of the homework, and no Maple will be on any of the exams. But I encourage you to learn some of the Maple commands as we go along and check your homework that way. You can ask any one of us if you have difficulties with Maple. Also see <http://www.math.upenn.edu/ugrad/maple/> for suggestions and help with Maple.

EXAMS: There will be three midterms; February 18, April 1, and April 29. The first two are in class, and the third one in the evening, 6-8pm. All sections of Math 114 will have a common Final exam on May 5, 12-2pm. No calculators, cell phones or other electronic devices are allowed during the exams. You will be allowed to bring one 8.5" by 11", double-sided, handwritten sheet of notes to each test.

COURSE GRADE: The course grade is computed as follows: There are 3 midterms, the lowest one is dropped. Each of the other two counts as 20%. Online homework is 5%, written homework 10% and quizzes 10%. The common Final Exam is worth 35% of your final grade. No makeup homework, quizzes or exams (except possibly Final Exam in exceptional cases). But we drop the lowest homework, quiz and online homework. We will use canvas where the scores of each part will be posted. Go to

<https://canvas.upenn.edu>  
to login into the system. It is your responsibility to check correctness of the scores regularly. Possible mistakes need to be pointed out right away, not at the end of the semester.

MY MATH LAB: As mentioned above, part of your homework is done online for selected problems from the text or similar to the text. This part of the homework should always be done first. You get help as you are doing the problems, see solutions for sample problems, get hints how to solve a problem, and you get immediate feedback if your answer is correct. You can log into MyMathLab at

<http://www.mymathlab.com> or <http://www.pearsonmylabandmastering.com>  
See also [http://www.mymathlab.com/contactus\\_stu.html](http://www.mymathlab.com/contactus_stu.html)  
for instructions how get access to the system and links for other help. You need the course ID which is

**MyMathLab course ID: ziller02507**

You also need an access code, which comes together with the textbook bought at the Penn bookstore. You can get hints, see complete problems carried out, and redo a problem up to 3 times to get full credit. If you have problems with MyMathLab, start here for getting help:

<http://247pearsoned.custhelp.com/app/answers/list>

ACADEMIC INTEGRITY: Academic honesty is fundamental to our community. Violations of academic integrity may result in suspension or expulsion from the university. For details see [http://www.upenn.edu/academicintegrity/ai\\_codeofacademicintegrity.html](http://www.upenn.edu/academicintegrity/ai_codeofacademicintegrity.html)