Math 242, Sections 1,2,5,6
Fall 2013 Syllabus

Instructor: Gautier Picot
Office: PSB 320
Office Hours: W 9.30-11.30
Email: gautier@math.hawaii.edu
Website: http://www.math.hawaii.edu/~gautier/242.html

Class Meeting: MWF 8:30 – 9:20 a.m. in Keller 302 (sections 1 & 2)
TuTh 9:00 – 10:15 a.m. in Keller 303 (sections 5 & 6)

Discussion Sections: Tu 12:00 – 12:50 p.m. (section 1)
Tu 3:00 – 3:50 p.m. (section 2)
M 12:30 – 1:20 p.m. (section 5)
W 12:30 – 1:20 p.m. (section 6)

Prerequisite: A grade of C or better in Math 241 or 251A, or a grade of B or better in Math 215.

All major announcements will also be posted to the course website (e.g. exam dates).

Course Description: Math 242 is the second semester calculus course; the prerequisite is Math 241 or similar. In Math 241–242 we discuss the fundamental notions of calculus of a single variable. The second semester focuses on techniques of integration, numerical sequences and series, and power series; we will also briefly discuss some elementary topics from differential equations. This means that we will be covering Chapters 7 to 9 and parts of Chapters 16 and 17 of the textbook; we will cover these chapters in order.

Text: University Calculus by Hass, Weir, and Thomas. This is the book used in Math 241.

Grading: Homework counts 5%, quizzes 10%, in-class exams 60%, and the final exam is 25%.

Exams: There will be three in-class exams. Dates of the exams will be announced at least one week in advance. Calculators

Quizzes: There will be a short weekly quiz given in the discussion section.

Homework: Homework will be assigned in each lecture. The homework assigned in a week is collected on the first day of lecture of the following week.

Collaboration: You are free to consult each other, the teaching assistants, me, or anyone else on your homework as much as you want. In fact, you are encouraged to do so! Talking about mathematics with other people is one of the best ways to learn it. However, your write-ups must be your own; copying is cheating. Exams are individual activities, with no collaboration of any kind allowed. The departmental statement of academic expectations applies to all students and can be found on the Math Department web page: www.math.hawaii.edu under the tab Undergraduate.

Final Exam: There will be a cumulative final exam on Monday, December 16, from 7:30–9:30 a.m. for sections 1 & 2 and Tuesday, December 17 for sections 5 & 6 from 9:45–11:45 a.m. By registering for this section, you are accepting the fact that you must be present during the scheduled final exam. Early exams will not be given. If you have a final exam conflict with another course, you must let me know within the first six weeks of class so that we can make an alternate arrangement.