Syllabus for Math 231.EL1: Calculus II
Spring 2015

Instructor Information
Instructor: Rebekah Gilbert
Email: rgilber1@illinois.edu
Office hours: 10-11am MW in 328 Illini Hall,
by appointment in 328 Illini Hall
TA office hours: see Moodle.

Course Information
Lecture time: 9:00-9:50am MW
Lecture location: 314 Altgeld Hall
Discussion times: 8, 9, 10, 11, or 12 TR
Discussion location: 239 Altgeld Hall
Website: learn.illinois.edu ("Moodle")

Course Description: Math 231 Calculus II (3 semester hours): Second course in calculus and
analytic geometry: techniques of integration, conic sections, polar coordinates, and infinite series.

Prerequisites and Restrictions: Students taking Math 231 are required to have passed either
Math 220 or Math 221.

Course Materials: This course will use Stewart’s Calculus: Early Transcendentals (7e). Students
are required to purchase access to WebAssign’s online homework system. The Webstore has three
options to purchase WebAssign. Please consult http://go.illinois.edu/CalculusBookInfo to dete-
mine the option that works best for you. Note: if you previously purchased the lifetime edition of
WebAssign, you do not need to purchase anything else.

Course Format: This course meets in either 314 Altgeld Hall (9:00-9:50am MW for lecture) or
239 Altgeld Hall (8, 9, 10, 11, or 12 TR for TA discussion sections). For a list of course topics and
rough schedule please see the course page on Moodle.

Academic Integrity: Academic Integrity may be summed up by the phrase:

Your work must be your own.

Violations will be processed according to the established guidelines. Please note that

It is the responsibility of the student to refrain from infractions of academic integrity,
from conduct that may lead to suspicion of such infractions, and from conduct that
aids others in such infractions (§1-401 of the Student Code).

Violations of academic integrity include, but are not limited to, cheating, fabrication, and plagia-
rizing as outlined in §1-402 of the Student Code.

A range of academic sanctions may be taken against a student who engages in academic dishon-
esty. Please see §1-401 through §1-406 of the Student Code for additional information and proce-
dures. Below are ideas related to academic integrity.
1. **Resources encouraged during this course:**

   (a) The textbook, notes from class, WebAssign problems, the group worksheets, and additional textbook problems.

   (b) Your fellow Math 231 students.

   (c) Free evening office hours by the Math 231 TAs. See Moodle for times and location. This is open to all Math 231 students.

   (d) Your instructor. Email is the best way to contact me. I respond as promptly as I am able (usually within 24 hours except over weekends).

   (e) Private tutors. See [http://www.math.illinois.edu/UndergraduateProgram/tutoring.html](http://www.math.illinois.edu/UndergraduateProgram/tutoring.html) for a list of private tutors.

2. **Resources not allowed during this course:** While the internet may be a valuable resource, using it to unethically acquire answers for your work will be considered a violation of academic integrity and processed accordingly. Similarly, copying answers from other students’ assignments (past or present) violates the idea that your work must be your own.

**Grades:** Gradelines will be determined on about a 90-80-70-60 scale: 90% is guaranteed to be at least an A-, 80% is guaranteed to be at least a B-, etc.. The breakdown of your overall grade into categories is given below.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percent of Overall Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Exam</td>
<td>32%</td>
</tr>
<tr>
<td>Midterms</td>
<td>48%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Group Worksheets</td>
<td>5%</td>
</tr>
<tr>
<td>WebAssign Homework</td>
<td>5%</td>
</tr>
</tbody>
</table>

- You must pass the final in order to receive a passing grade in the course. There will be an ID check at the final exam.

- You will not pass the class unless you have a passing exam average. In other words, if your exam average is < 60%, then you will receive an F for the course.

**Final Exam:** A comprehensive final will be administered at the end of the course. The final will be from 8:00am to 11:00am (central time) on Tuesday, May 12, 2015 in our lecture classroom (314 Altgeld Hall). Since this is during the University-designated time, there is no conflict exam. (If you have another final scheduled for this time, your other course must provide you with a conflict final exam.)

**Midterms:** There will be three in-class midterm exams held in our normal lecture classroom (314 Altgeld Hall). They are scheduled for Monday, February 16, Monday, March 16, and Monday, April 20. Each exam is worth 16% of your overall grade. See the schedule for the topics covered on each exam. Requests for a makeup midterm must be made before the exam is given. Once a midterm has been given, a makeup will not be provided.
Quizzes: There will be a short quiz almost every Thursday in your TA discussion section. No makeup quizzes will be offered. Your lowest two quiz scores will be dropped.

Group Worksheets: During your TA discussion sections, you will primarily work in small groups on worksheets. The groups will be randomly formed and only one of the solutions from each group will be graded. Your lowest four worksheet scores will be dropped.

WebAssign Homework: In order to further strengthen your problem-solving abilities, there will be regular homework assignments on WebAssign, an online homework system. While a goal of this course is to understand the underlying concepts in calculus in order to eliminate unnecessary and extraneous computations, students frequently find that they do not grasp a concept until they have personally worked through a sufficient number of examples. It is strongly advised that you keep a notebook where you work out the solutions to your WebAssign homework. This will help you to establish a habit of organized thought, it will help you to see pattern and concepts more quickly, and it will give you material from which to study for exams. Late homework will not be accepted.

Assignment Re-grade Requests: If you have questions about the grade assigned to an assignment, you must contact your TA no more than one week after the graded assignment is returned in class, whether you are present during that class or not.

Calculator Policy: No calculators are permitted on exams, so study accordingly.

Students with Disabilities: I am pleased to offer reasonable accommodations. Please bring your letter from DRES within one week of the start of the semester or one week of when you add the course (whichever is later). If you receive your letter during the semester, you must get it to me within one week of when you receive your DRES letter. Please note that you will only be able to take a DRES exam if you clear the exam date and time with me before you submit a request.

Attendance Policy: Students are expected to attend all classes and are responsible for all information presented. If you miss a class, it is your responsibility to get notes on what you missed. For University excused absences as outlined in §1-501(c) of the Student Code, we will provide, within reason, opportunity to make up work. For other legitimate and unavoidable reasons, please notify your TA as soon as possible so you may discuss how to make up any missed work.

Last updated: January 16, 2015.