MATH 226
CALCULUS 4
Spring 2016
Syllabus and Policies

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Homework site: http://www.coursecompass.com
Course ID: kahn71109

Text: Calculus for Scientists and Engineers, Media Upgrade, by: Briggs, Cochran, & Gillett
Lecture: 107 Bakeless Hall, MWF 09:00-09:50 (Section 1)
Office Hours: MTWRF 14:00-15:00 or MTWRF by appointment

Course Content: The only way to learn mathematics is to become actively involved in mathematics. Thus I expect you to **read the book**, participate in class, ask questions, and **complete all of the recommended problems**. On average, you should spend 12 hours working on calculus outside of class each week. Throughout the semester we will be covering sections of chapters: 12, 14, 15, & 16. I will keep a calendar on the class website of the material covered each day.

Attendance: Students are expected to attend every class and participate by asking and/or responding to questions. Poor attendance or participation will negatively affect this section of one’s grade.

Calculator: The TI-89 (or TI-92) is required for this course.

Homework: Graded homework will be completed weekly and online through ‘MyMathLab.’ Assignments will usually be due on Tuesdays at 11:59pm and will be posted approximately 5-7 days in advance of their due date. You will be allowed to attempt the problems as many times as necessary to earn specific scores on each assignment up until the submission deadline. You are responsible for signing in and completing each assignment. I will also list suggested problems that you should complete from the text on each section covered. These suggested problems will not be collected but they are extremely important in helping you learn the material. The list will be found on the class website and will be periodically updated.

Projects: There will be five projects run through the math writing software Mathematica. The projects will consist of a Script which will focus on helping you learn Mathematica, can be worked on in groups, and is not to be turned in and a Lab which will focus on the mathematics of Calculus IV, will be turned in for a grade and (usually) must be completed individually. Each project will begin during a class period at which time you should complete the Script and make significant progress on the Lab. The final Lab write up will be turned in for a grade two class periods after being introduced in class. Your project grade will be determined by the average of your best four lab scores.

Quizzes: Quizzes will be taken during class some Fridays and may cover any material from the semester up to that point. There are no make up quizzes without a University excuse but the two lowest scores will be dropped. You will be allowed to use any parts of the recommended problems completed by Friday on each quiz. Using class notes on a quiz, that is considered cheating and you will receive a 0 on it.

Exams: All exams will be closed book and closed notebook. Calculators/Mathematica **may** be allowed on the exams. Makeup exams will **only** be administered in the presence of a university excused absence. If you know you are going to miss an exam for a university excused absence, you must let me know a week in advance to schedule a makeup exam. The final exam will be comprehensive and must be taken at the designated time by the university. Cheating on any exam will be reported to the Mathematics Department Chair.

Electronics: Be courteous to your peers and do not use electronics in the classroom during lecture or
presentations. Electronic devices will be collected from students if the instructor feels they are distracting the class or the instructor.

**Academic Honesty:** Plagiarism and cheating are serious academic honesty infractions. By submitting work for credit, each student is claiming that they completed the assignment completely within the scope of the instructions. Any instance of the plagiarism or cheating will result in the offending student(s): 1. receiving a zero on that assignment, 2. having her/his/their course grade(s) lowered by one full letter grade, & 3. being reported to the Director of Student Standards and the Academic Grievance Board. The Academic Integrity Policy for Bloomsburg University is defined in [PRP 3512](#).

**Advice:** If you have questions about the material, the text, a lecture, grading, etc., I am available during office hours, email, or scheduled appointments. Please address questions and concerns to me as early as possible.

**Grading:** Here are the tentative dates of the exams and the weight of each type of assignment.

- Homework: Weekly - 10%
- Projects: Announced in Class - 10%
- Quizzes: Weekly - 15%
- Exam 1: Friday 04 March - 20%
- Exam 2: Friday 22 April - 20%
- Final Exam: Friday 6 May 08:00 - 25%

Letter grades will be determined by the following rubric.

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<thead>
<tr>
<th>Letter Grade</th>
<th>Percent Score</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100%</td>
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<tr>
<td>A-</td>
<td>90-92.9%</td>
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<tr>
<td>B+</td>
<td>87-89.9%</td>
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<tr>
<td>B</td>
<td>83-86.9%</td>
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<tr>
<td>B-</td>
<td>80-82.9%</td>
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<tr>
<td>C+</td>
<td>77-79.9%</td>
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<tr>
<td>C</td>
<td>73-76.9%</td>
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<tr>
<td>C-</td>
<td>70-72.9%</td>
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<tr>
<td>D+</td>
<td>67-69.9%</td>
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<tr>
<td>D</td>
<td>60-66.9%</td>
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<tr>
<td>F</td>
<td>&lt; 60%</td>
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**Changes:** The instructor reserves the right to make changes concerning grading policies, weights, or dates of graded material but will them announce in class prior to the changes taking effect.