Math 231/232: Calculus and Vector Analysis

Instructor:  Dr. Michelle Previte
Office: Benson 88
Office Hours: 9-10am MWFThF or by appointment.

Please note that I have very flexible Wednesdays and Thursdays.
So if you have class during the hours above, please don't hesitate to talk with me about setting up another time when we can meet.

Phone, Email, Web: 898-6991, MichellePrevite@psu.edu, http://math.bd.psu.edu/faculty/mprevite/

Text: Calculus: Early Transcendental Functions, 5th Ed by Larson, Hostetler, and Edwards

Evaluation: Course grades will be determined according to the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100</td>
</tr>
<tr>
<td>A–</td>
<td>90-92.9</td>
</tr>
<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>70-76.9</td>
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<tr>
<td>D</td>
<td>60-69.9</td>
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<tr>
<td>F</td>
<td>below 60%</td>
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Your work will be weighted as follows:

- Quizzes: 10%
- Homework: 10%
- Tests: (2 tests worth 25% each) 50%
- Final Exam: 30%

Quizzes: Two or three quizzes will be given.

Calculators: A Texas Instruments graphing calculator which does not perform symbolic manipulations is required for this course. (eg: Calculators such as the TI-89 and the TI-92 are not permitted.) Any other brand of graphing calculator which does not perform symbolic manipulations is also permissible, but I may not be able to help you if you have trouble using it. You will be allowed to use your calculator during the exams. However, be forewarned that I reset all of the calculators at the beginning of each exam. So your favorite game or your Chem notes may be lost. Plan accordingly.

Supplies: There will be daily handouts in this class. So it is essential that you keep them organized. I suggest that you use a 2” binder to store all of your handouts, exams, and quizzes for this class. Also, please invest in a stapler. I will not accept homework that is not stapled.

Make-ups: There will be no make-up quizzes or exams. In the case of a missed exam due to a documented, University accepted excuse, the final exam will weigh 55% and the test will weigh 25%.

Tutoring: Tutoring is available in the Math Lab, located on the second floor of the Science Complex, and in the Learning Resource Center which is located on the second floor of the library. You can find more information about the Learning Resource Center’s tutoring program at http://pennstatebehrend.psu.edu/academic/lrc/tutor.htm. Please use these services as well.
as my office hours at any time that you are having difficulty with a topic or a problem. **Don’t Wait!!!**

**Conduct:** In order to maintain an excellent working environment, students are expected to be respectful and courteous to each other and yours truly. Please refer to the second page of the document [http://www.pserie.psu.edu/faculty/council/facultyrights.pdf](http://www.pserie.psu.edu/faculty/council/facultyrights.pdf) for a description of office and classroom etiquette.

**Homework:** The main tool for you to make and evaluate your progress in this course will be your homework. Therefore, I encourage you to take it very seriously. Homework will be regularly assigned from the book, and selected problems will be submitted weekly for grading. Although only a subset of the assigned homework will count towards your grade, you are are expected to solve every problem correctly, write-up your solutions clearly, and complete the assignment by the following class period. If you are unsure of how to do a problem correctly, you may come to my office or you may ask during the regular question time at the beginning of class.

1. Homework will be due in class on Thursday. It will cover material up through the previous Monday’s lecture.

2. Late homework will not be accepted. In the event of a documented, University-accepted excuse, the missed assignment will be dropped.

3. I encourage you to work with other students on the homework assignments, and talk about mathematics as much as possible. Get a study group together now and meet often.

4. Points for Homework:
   
   (a) Each graded homework problem will be worth 10 points.

   (b) Your score on each assignment will be the percentage of possible points that you earned. So every assignment is worth 0-100%, regardless of the total number of points possible for the assignment.

5. Rules for Homework:
   
   (a) Homework must be complete, neatly written, and clearly presented. No spiral notebook paper.

   (b) Rewrite or summarize each problem.

   (c) The grader must be able to follow your work and have room to comment on each problem.

   (d) Write in complete sentences, which are geared towards your fellow student. Do not rely on the expertise of the reader (The grader will take everything you say literally).

   (e) When computing, indicate what your calculations are trying to accomplish.

   (f) When proving a statement, lead the reader carefully through the logical argument.

   (g) Although I keep saying that you should be working together (and you should), what you hand in to be graded should be your own work. I suggest that after discussing the homework with your study group, you isolate yourself from them to write it up. I absolutely will not tolerate any plagiarism. If I even slightly suspect academic dishonesty, I will hand over any evidence I have to the Academic Integrity Committee and let them deal with you. This is not personal. It is for your protection and mine. If you are unsure about Penn State’s academic integrity policy, please see [http://www.pserie.psu.edu/faculty/academics/integrity.htm](http://www.pserie.psu.edu/faculty/academics/integrity.htm). If you are unsure what constitutes plagiarism, please see [http://tl.tlt.its.psu.edu/suggestions/cyberplag/cyberplagstudent.html](http://tl.tlt.its.psu.edu/suggestions/cyberplag/cyberplagstudent.html)