MATH 315-01:  
Linear Algebra & Differential Equations  
MTWTh, 10:00am-10:50am  
220 College Hall

Instructor: Dr. Stacey Levine

Email address: sel@mathcs.duq.edu

Office: 432 College Hall

Office phone: 412-396-5489

Office hours (except Feb. 10 - March 19): Mon. & Wed. 1:30-3:00 pm or by appt  
Office hours (Feb. 10 - March 19): T & Th 11:00-11:50 am, Wed. 3:30-4:30pm or by appt

Text: Differential Equations and Linear Algebra, by Edwards and Penny

Prerequisites: You must have passed Math 116 (Calculus II) prior to enrolling.

Important Web Pages: You should check all of these sites periodically, as there may be minor changes throughout the semester. All changes will also be announced in class.

(1) http://blackboard.duq.edu  
Announcements, discussion board, course documents, etc. can be found on blackboard. You are expected to log in and check announcements at least once a week.

   Username: The first part of your Duquesne University E-mail address. For example, if your duquesne address is name123@duq.edu, then your username is name123.

   Password: The first letter of your last name in lower case and your full social security number without spaces or hyphens (you should change your password under 'student tools' once you’ve logged on).

(2) http://www.mathcs.duq.edu/~sel/315spring03/spring03_315sch.html  
This is an up to date course schedule containing the dates of all lectures, homeworks, quizzes and exams.

(3) http://www.mathcs.duq.edu/~sel/315spring03/spring03_315hw.html  
This is an up to date homework list which contains all of your assignments.
**Homework:** It is required that the student read the relevant sections of the text prior to the lecture. Homework problems will be assigned for each lecture. The **required** exercises should be prepared to be turned in for grading. The **suggested** exercises need not be turned in. These represent the minimum number of problems you should do in each section and serve together with lecture notes as a basis for questions on the exams. **Assignments and due dates can be found on the website listed on the previous page.**

To receive full credit for collected assignments, solutions to homework exercises should contain a full written description and justification of the process by which you arrive at the final answer. A numerical answer without support is not acceptable, even if it is correct. **Late assignments will not be accepted!**

**Exams:** There will be 5 in class exams and a final exam. Exam questions will be based on lecture notes and homeworks. There will be NO make-up exams except in the case of a verifiable medical emergency.

**Tentative Schedule:** A tentative calendar can be found on the website listed on the previous page. This calendar includes the dates that homework will be collected as well as the tentative exam dates. There may be changes to this schedule, however, any changes will be announced in class as well as posted on Blackboard.

**Grades:** You can earn up to 700 points which will be determined by the following criteria.

<table>
<thead>
<tr>
<th>Homework</th>
<th>100 points</th>
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<tbody>
<tr>
<td>5 Exams</td>
<td>500 points (100 points each)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200 points</td>
</tr>
<tr>
<td>Lowest of 5 exams</td>
<td>-100 points</td>
</tr>
</tbody>
</table>

Grades will be assigned as follows:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>average</td>
<td>92%†</td>
<td>90%†</td>
<td>87%†</td>
<td>82%†</td>
<td>80%†</td>
<td>77%†</td>
<td>70%†</td>
<td>60%†</td>
</tr>
<tr>
<td>points</td>
<td>644†</td>
<td>630†</td>
<td>609†</td>
<td>574†</td>
<td>560†</td>
<td>539†</td>
<td>490†</td>
<td>420†</td>
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