Math 211

• COURSE INFORMATION
  – **Class** Differential Equations Sec 04
  – **Class Meetings**
    * Section 04 MWF 10-10:50 (MSB 303);

• INSTRUCTOR
  – **Name** Xiaodong Yan
  – **Office Location** MSB 316
  – **Phone** 486-3944
  – **Email** xiaodong@math.uconn.edu
  – **Office Hours** 11-12 M W F or by Appointment.

• TEXT Differential Equations, 3rd ed., Blanchard, Devaney and Hall.

• COURSE DESCRIPTION The course covers simple linear first order ordinary differential equations as well as systems, with an emphasis on linear systems with two dependent variables. We will discuss three general approaches (analytic, geometric and numerical techniques) to study solutions of differential equations. Most of Chapters 1-4 and 6 will be covered this semester and part of chapter 5 also if we have time in the end.

• EXAMS There will be quizzes, two midterm exams and a final exam. There will be 5 quizzes tentatively scheduled during the weeks of 09/03, 09/17, 10/08, 10/22 and 11/26. Midterm exams are tentatively scheduled on Sep 28 and Nov 9. Final exam will be held on Dec 14 1-3pm.

• HOMEWORK I do not collect homework for this course but quizzes and exams are based on homework assignments and will be very similar to those assigned problems.

• MAKE UP EXAMS Make-up exams will be given only in case of an excused absence (for example, a documented medical excuse or a conflicting University activity that cannot be rescheduled). If you are a student athlete, please let me know ahead of time if your team travel schedule conflicts with a scheduled exam.

• GRADING Quizzes—20%, 1st Midterm—20%, 2nd Midterm—20%, Final 40%.
**TENTATIVE SCHEDULE**

<table>
<thead>
<tr>
<th>Date</th>
<th>Chapters</th>
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<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/27-08/31</td>
<td>1.1, 1.2</td>
<td>10/15-10/19</td>
<td>3.1, 3.2</td>
</tr>
<tr>
<td>09/03-09/07</td>
<td>1.3, 1.4, quiz</td>
<td>10/22-10/26</td>
<td>3.3, quiz</td>
</tr>
<tr>
<td>09/10-09/14</td>
<td>1.5, 1.6</td>
<td>10/29-11/02</td>
<td>3.4</td>
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<tr>
<td>09/17-09/21</td>
<td>1.7, 1.8, quiz</td>
<td>11/05-11/09</td>
<td>3.5 Midterm</td>
</tr>
<tr>
<td>09/24-09/28</td>
<td>1.9 Midterm</td>
<td>11/12-11/16</td>
<td>3.6, 4.1</td>
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<tr>
<td>10/01-10/05</td>
<td>2.1, 2.2</td>
<td>11/26-11/30</td>
<td>4.2, 6.1, quiz</td>
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<tr>
<td>10/08-10/12</td>
<td>2.3, 2.4, quiz</td>
<td>12/03-12/07</td>
<td>6.2, 5.1</td>
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**SUGGESTED HOMEWORK ASSIGNMENTS**

1.1  1, 3, 5, 8, 15, 16, 19  
1.2  1, 2, 3, 6, 9, 15, 23, 26, 30, 33  
1.3  1, 6, 7, 8, 11, 12, 14, 15, 18  
1.4  2, 5, 6, 12, 13  
1.5  1, 4, 9, 11, 13, 14  
1.6  1, 3, 5, 7, 9, 13, 15, 19, 28, 30, 33, 36, 39, 43  
1.7  1, 3, 5, 7, 9, 11, 20  
1.8  1, 3, 7, 8, 9, 11, 13, 19, 23, 27  
2.1  1, 2, 4, 9, 10, 14, 15, 16  
2.2  1, 3, 4, 7, 19, 13, 15, 16, 27  
2.4  1, 3, 7, 8, 9, 12, 13, 14  
3.1  7, 8, 11, 14, 17, 18, 24, 27, 34  
3.2  1, 4, 5, 7, 11, 13b, 14a, 17, 21  
3.3  1, 4, 7, 9, 11, 13, 19, 21  
3.4  1, 5, 7, 11, 13, 15, 22, 23  
3.5  1, 4, 7, 9, 11, 15, 19, 22a  
3.6  1, 2, 4, 5, 8, 9, 13, 15, 18, 21, 23, 30, 35  
4.1  1, 3, 5, 11, 14, 17, 20, 21, 27, 31, 33, 36, 39  
4.2  1, 6, 9, 11, 14, 15, 16, 17  
6.1  1, 3, 7, 9, 11, 15, 17, 27  
6.2  1, 3, 5, 9, 13  
6.3  1, 3, 7, 9, 11, 15, 27, 31  
5.1  1, 4, 5, 6, 9, 17, 21  
5.2  1, 4, 7, 15, 21

**DISCLAIMER** The instructor reserves the right to make any changes she thinks academically advisable. Changes will be announced in class. It is student’s responsibility to keep up with the changes.
• IMPORTANT DATES

– Mon. Aug. 27 Fall semester begins
– Mon. Sept. 3 Labor Day - No classes
– Tues. Sept. 4 Last day to file petitions for course credit by examination
– Mon. Sept. 10 Courses dropped after this date will have a "W" for withdrawal recorded on the academic record
– Mon. Sept. 10 Add/Drop via the Student Administration System closes
– Mon. Sept. 10 Last day to add courses or drop courses without additional signatures (See Adding/Dropping courses in the Academic Regulations section of the Undergraduate Catalog)
– Mon. Sept. 10 Last day to place courses on Pass/Fail
– Tues. Sept. 11 Late Add/Drop begins in the Office of the Registrar, Wilbur Cross Bldg., Room 167
– Mon. Sept. 17 Last day for students to make up Incomplete or Absence grades
– Tues.-Tues. Sept. 18-25 Examinations for course credit by examination
– Fri. Oct. 5 Mid-semester progress reports due students from faculty
– Mon. Oct. 22 Registration for the Spring 2008 semester via Student Administration System begins
– Mon. Oct. 29 Last day to drop a course
– Mon. Oct. 29 Last day to convert courses on Pass/Fail option to letter grade
– Sun. Nov. 18 Thanksgiving recess begins
– Sat. Nov. 24 Thanksgiving recess ends
– Fri. Dec. 7 Last day of Fall semester classes
– Mon. Dec. 10 Final examinations begin
– Sat. Dec. 15 Final examinations end
– Sun. Dec. 16 Undergraduate Commencement Ceremony Link to: Commencement Information
– Tues. Dec. 18 Deadline for submitting Fall grades via Student Administration System