Information & Grading Policy

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Office Hours

<table>
<thead>
<tr>
<th></th>
<th>SAT</th>
<th>SUN</th>
<th>MON</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIME</td>
<td>12:15pm – 1:00pm</td>
<td>11:00am – 11:40am</td>
<td>9:55am – 10:35am</td>
</tr>
<tr>
<td>WEEK</td>
<td>W4,W6,W8,W10,W12,W14</td>
<td>W5,W7,W9,W11,W13</td>
<td>All weeks</td>
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<tr>
<td></td>
<td>(even-numbered week)</td>
<td>(odd-numbered week)</td>
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Grading Policy:

<table>
<thead>
<tr>
<th></th>
<th>Exam I</th>
<th>Exam II</th>
<th>Final Exam</th>
<th>Homeworks</th>
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</thead>
<tbody>
<tr>
<td>Best 4 Quizes out of 5</td>
<td>22%</td>
<td>22%</td>
<td>30%</td>
<td>10%</td>
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<tr>
<td>4% each</td>
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* DN grade: Immediately after 6 unexcused absences.
* -0.5 for each unexcused absence
* -0.2 for each unsubmitted homework.
* Homeworks are due Monday in class. (Homeworks submitted after class are reduced 50%).
* Important Note: No makeup exam (see the date and time in the syllabus)
* Final exam is comprehensive.

Homework:

- The selected homework problems indicate the levels of the breadth and the depth of coverage. To acquire proficiency on solution methods, the students are strongly urged to solve much more problems than indicated in the syllabus.
- In Sec. 8.4, problems 1, 5 and 9 refer to the same matrix. The same is true for problems 2 and 6 and problems 4 and 8.
  The matrix $e^{At}$ is to be computed by the definition given in (3). The material on Laplace Transform in page 362 is, of course, omitted.

Computer Algebra Systems (CAS) [Mathematica, Matlab, Maple, …]:

- CAS assignments are at the discretion of the instructor.
- The entire assignments may be divided into two parts and collected twice as “projects”.
- The selected assignments are simple. In general, nothing is required beyond typing the commands given in the textbook and then, for Mathematica, pressing SHIFT---ENTER. The students are urged to try various types of problems.
- For assignments no. 55 in Sec. 1.1 and no. 27(a) in Sec. 8.4, the following commands can be used in Mathematica:

  (1.1) – 55:
  
  Clear[y]
y[x_]:=x Exp[5 x] Cos[2 x]
y[x]
Simplify [y''''[x] - ⋯ ⋯ ⋯ 841 y[x]]

  (8.4) – 27(a):
  
  A={{4,2},{3,3}};
c={c1,c2};
m=MatrixExp[A t];
sol=Expand[m.c];
Collect[sol,{c1,c2}]/MatrixForm

Review Material: In the introduction of each section in the textbook, review material, if any, is indicated. The student must do all reviews. He should make a plan, based on the Syllabus, for all the reviews required for the course.