Syllabus of MATH 427, Differential Equations I
Fall Semester of 2017


Prerequisites: C or better in both Math 283 and Math 330 (or Math 365).

Time and Place of Class meeting: MoWe, 2:30pm−3:45pm, BHS 132.

Instructor: Dr. Zhonghai Ding
Office: CDC Building 10, Rm1004, Phone: 895-0386, Email: dingz@unlv.nevada.edu
Office Hours: MoWe 10:00am−11:00am and 1:00pm−2:00pm, or by appointment.

Attendance: Class attendance in this course is mandatory, and an important component of the course requirements.

Homework: Homework will be collected Fridays. Two lowest homework grades will be dropped before calculating the final homework grade.

Recitation class and weekly quiz: It is mandatory to attend the recitation class on Fridays. The weekly quiz will be given on Fridays. No make-up quiz will be given. Two lowest quiz grades will be dropped before calculating the final quiz grade.

Grading: Course grades will be based on the following percentages.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiz</td>
<td>15%</td>
</tr>
<tr>
<td>Homework</td>
<td>15%</td>
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<tr>
<td>Exam I</td>
<td>20%</td>
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<tr>
<td>Exam II</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
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</tbody>
</table>

A: 91−100; B+: 86-90; B: 81−85; C+: 76−80;
C: 71−75; D+: 66-70; D: 60−65; F: 0−59.

Remarks:

1. Grades: A−, B−, C− and D− may be given on borderline cases, where homework and quiz will be determinative factors.

2. Exam I−II will be given on October 4 and November 15.

3. The final exam will be given on December 13, 3:10pm−5:10pm.

4. Boost Up Final. The course grade will be assigned based upon the higher one of the final exam grade and the final accumulated grade. The Boost Up Final applies only to those who have completed at least 80% class work (i.e., taking two exams and missing no more than two quizzes and two homework collections).

Make-up policy for exams: Make-up exam will be allowed only if the instructor is notified of the University-excused absence before the exam. See University Regulations for special guidelines.

Tentative Class Schedule:

§§1.3; §§2.1-6; §§3.1-8, §§4.1-4; §§5.1-7.

Learning Outcomes: Upon completing this course, students are expected to solve ordinary differential equations with constant coefficients using various solution techniques, be familiar with the basic theory of ordinary differential equations with applications.
Academic Accommodation:

If you have a documented disability that may require assistance, you will need to contact the Disability Resource Center for academic accommodations. The DRC is located in the Reynolds Student Services Complex in Room 137. The DRC phone number is 895-0866, (TDD-895-0652).

Academic Misconduct:

Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution. An example of academic misconduct is plagiarism: "Using the words or ideas of another, from the Internet or any source, without proper citation of the sources.” For more information, please visit the website: http://studentlife.unlv.edu/judicial/misconductPolicy.html

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Religious Holidays Policy

Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor no later than the last day at late registration of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. This policy shall not apply in the event that administering the test or examination at an alternate time would impose an undue hardship on the instructor or the university which could not be avoided.

Math Tutoring Clinic

The Department of Mathematical Sciences operates the UNLV Math Tutoring Clinic. This is a free-of-charge service. For the location, office hours and contact information, please visit the website: http://sciences.unlv.edu/Mathematics/math_clinic.html

Rebelmail

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