Instructor  Dr. Gail Mackin
Office   ST 320
Phone    572-6104
E-Mail    MackinG@nku.edu
Web Address  www.nku.edu/~macking/
Office Hours  Mondays - Friday: 11:00-11:50am, or by appointment.
Text  ELEMENTARY DIFFERENTIAL EQUATIONS 8th ed. by Boyce & DiPrima
Time and Place  Class meets in ST 246 from 9:25-10:40am, Tuesday & Thursday.
Attendance Policy  I expect students to attend all classes. Your grade is indirectly dependent upon your attendance. A number of missed classes will affect your comprehension of the material and, hence, may also affect your grades.
Cell Phones  Please make sure that all cell phones and other electrical devices are turned off upon entering the classroom. Only under very special circumstances will I allow a student to leave a cell phone on in class, but this must be discussed with me prior to class time.
Course Prerequisites  C or better in MAT 220 or its equivalent. The student must be proficient in algebra, differentiation and integration to succeed in this course.
Course Content  See attached pages for learning objectives and topics covered.
Course Policy  Your grade in this course will be determined by homework assignments, projects, a midterm and a cumulative final. Reading and homework will be assigned for each section. You should expect to spend 3 to 5 hours of post-class work per 75-minute class. Homework will be collected and graded on a bi-weekly basis. I will accept assignments before or at the beginning of class. Any work handed in to be graded must be well organized and written clearly with multiple sheets stapled, otherwise it will not be graded, resulting in a 0.
There will be two projects assigned during the course. Students may choose to work alone or in pairs. The first project is a reading assignment. This will require reading a UMAP module and submitting written answers to questions posed within the article. The second project will be to learn a specific topic within differential equations and present this material to the class.
There will be a midterm, announced a week in advance. Make-up exams will be offered at my discretion, but only in the case of a documented illness, university function or family
emergency. I expect the student to be responsible for informing me of any such situation at the earliest possible moment. The final exam will be comprehensive. The final exam is scheduled for 10:10am-12:10pm on Tuesday, May 1, 2007.

I hold students responsible for all announcements made in class. This includes schedules for exams, homework assignments and any other important announcements.

Your final grade will be determined as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>Grade Assurance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>30%</td>
<td>An average of 90% guarantees the final grade: A</td>
</tr>
<tr>
<td>Projects</td>
<td>15%</td>
<td>An average of 80% guarantees the final grade: B</td>
</tr>
<tr>
<td>Midterm</td>
<td>25%</td>
<td>An average of 70% guarantees the final grade: C</td>
</tr>
<tr>
<td>Final</td>
<td>30%</td>
<td>An average of 60% guarantees the final grade: D</td>
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**NOTE:** You must show all details on all graded work in order to receive any credit.

**Important Dates**
- January 15 – Martin Luther King Day - No classes.
- January 16 – Last day to ADD a class.
- January 29 – Last day to DROP a class.
- March 5-10 – Fall Break - No classes.
- March 26 – Last day to withdraw without penalty.
- April 27 – Last day of class.
- April 28-May 4 – Finals.

**Honor Policy** Honesty in your academic work will develop into professional integrity. I do not tolerate any form of academic dishonesty. The minimum penalty for cheating in any form will be a zero on the work in question and the offense will be reported to the proper authorities.

**NOTE** Students with disabilities who require accommodations (academic adjustments, auxiliary aids or services) for this course must register with the Office of Disability Services. Please contact the disability service office in University Center Suite 320 or by calling (859) 572-6373 for more information. Verification of your disability is required in the disability services office for you to receive reasonable academic accommodations. Visit the disability services website at www.nku.edu/disability.

**Addendum** Suitable changes may be made to this course contract during the course of the semester.