COURSE CONTRACT

MAT 375  Applied Math Models  Spring 2003

Instructor  Dr. Gail Mackin

Office  ST 320

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Web Address  www.nku.edu/~macking/

Office Hours  Mondays & Wednesdays: 1:00-1:50pm,
Tuesdays, Thursdays & Fridays: 10:00-10:50am, or by appointment.

Text  A First Course in Mathematical Modeling 3rd ed. by Giordano, Weir & Fox

Time and Place  Class meets in ST 255 from 11:00-11:50am, MWF.

Attendance Policy  I expect students to attend all classes. Your grade is directly dependent upon your attendance.

Course Prerequisites  C or better in MAT 120 and MAT 205 or permission of the Instructor.

Course Content  The goal of this course is to introduce mathematical modeling. We will construct and analyze various models based in a number of disciplines. We will cover material from Chapters 1-4 & 10.

Course Policy  Your grade in this course will be determined by out-of-class assignments, class participation, a midterm and a final project and/ or exam. Reading and out-of-class assignments will be assigned for each section. You should expect to spend 2 to 3 hours of post-class work per 50-minute class. 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.

The students are expected to read each section PRIOR to the scheduled class meeting. Any common homework assignments should be attempted before class. Class discussion will combine the instructor’s lecture and group discussion. Group homework assignments will be presented by students in the following class meeting.

Out-of-class assignments are homework and projects. Much of the out-of-class assignments with be presented by the students in class. There will be homework assignments which all students are expected to attempt individually and there will be group assignments made for
each section. Groups will be made up of 2-3 people. It is expected that each group member share equally in the work. Failure to do so will result in a new group of 1.

There will 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 in the form of a written project and may contain an in-class exam. The final exam is scheduled for 1:00-3:00pm on Thursday, May 8, 2003.

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></th>
<th>Percentage</th>
<th>Guarantee</th>
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</thead>
<tbody>
<tr>
<td>Assignments</td>
<td>35%</td>
<td>An average of 90% guarantees the final grade: A</td>
</tr>
<tr>
<td>Participation</td>
<td>10%</td>
<td>An average of 80% guarantees the final grade: B</td>
</tr>
<tr>
<td>Midterm</td>
<td>30%</td>
<td>An average of 70% guarantees the final grade: C</td>
</tr>
<tr>
<td>Final</td>
<td>25%</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 17 – Last day of ADD/DROP period.
   January 20 – Martin Luther King Day - No classes.
   February 17 – President’s Day - No classes.
   March 10-14 – Fall Break - No classes.
   March 28 – Last day to withdraw without penalty.
   May 5 – Last day of class.
   May 6-13 – 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.

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