**MTH 357 – Probability and Statistics**  
**Fall 2013**

**Instructor:** Carol Overdeep  
**Office:** OM 429  
**Email:** coverdeep@stmartin.edu  
**Phone:** (360) 438-4378  
**Office Hours:** MWF 11:00–11:50; T 11–12:30; Th 1–2:30; by appointment, or drop in  
**Webpage:** http://homepages.stmartin.edu/fac_staff/coverdeep/

**Textbook:** *Probability and Statistics for Engineers and Scientists,*  
**Other:** Coursepack of class notes available in the CRC  
**Goal:** Post class notes on course Moodle page

**Course Prerequisite:** MTH 172 with a C− or better

**Course Objectives:**

- Provide a thorough introduction to the theory and applications of probability and statistics.
- Develop an appreciation for the use of statistics in decision making as well as an appreciation of its limitations.
- Develop new problem solving skills and enhance critical thinking abilities.

**Exams and Grading:**

- Homework 15%  
  IMPORTANT: NO EXTRA CREDIT
- Exams 1/2/3 50% (equally weighted)
- Quiz 10%
- Final 25% December 11, 10:15–12:15

**Homework:**

- Homework may be done in groups (each student must hand in an assignment).
- Homework may be an in-class assignment. These can not be made up.
- Assigned problems are on a separate handout.
- Due dates will be announced in class.
- You must show your work to receive full credit (where applicable).
- These problems are on a separate handout.
- **Late homework will be penalized/not accepted.**
  - Homework will be considered late if not in my office by 3:30 on the due date unless prior arrangements have been made.
  - Homework will be accepted until the assignment is returned to the class—but it will be penalized unless prior arrangements have been made.

**Exams 1/2/3:**

- Make-up exams will not be possible without prior arrangements—and the reason for missing an exam must be compelling and perhaps more importantly, documented. Make-up exams will be more difficult.
- Exams will resemble homework problems and problems done in class.
- TI–89’s or higher (or equivalent) will NOT be allowed during exams.
Quiz:

♦ Not worthy of being called an exam as it will cover only a handful of sections.
♦ As with Exams 1/2/3, a make-up quiz will **not** be possible without prior arrangements—and the reason for missing must be **compelling** and **documented**.
♦ TI–89’s or higher (or equivalent) will **NOT** be allowed during the quiz.

Final Exam:

♦ The final will be closed book.
♦ Will be cumulative.
♦ TI–89’s or higher (or equivalent) will **NOT** be allowed during the final.

General Philosophy/Attendance:

♦ College prepares you for a professional position.
♦ In the working world, **you** are responsible for your career and **you** are accountable for your decisions. For example, class attendance is expected (just as you are expected to go to work), but not required.

Important Dates:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor Day (Holiday)</td>
<td>September 2, 2013</td>
</tr>
<tr>
<td>Last Day to Change/Add a Class</td>
<td>September 6, 2013</td>
</tr>
<tr>
<td><strong>First Exam</strong></td>
<td><strong>September 20, 2013</strong> <em>(subject to change)</em></td>
</tr>
<tr>
<td>Fall Break (Holiday)</td>
<td>October 14–15, 2013</td>
</tr>
<tr>
<td><strong>Second Exam</strong></td>
<td><strong>October 18, 2013</strong> <em>(subject to change)</em></td>
</tr>
<tr>
<td><strong>Third Exam</strong></td>
<td><strong>November 8, 2013</strong> <em>(subject to change)</em></td>
</tr>
<tr>
<td>Last Day to Withdraw From a Class</td>
<td>November 8, 2013</td>
</tr>
<tr>
<td><strong>Quiz</strong></td>
<td><strong>November 22, 2013</strong> <em>(subject to change)</em></td>
</tr>
<tr>
<td>Thanksgiving Break</td>
<td>November 29, 2013</td>
</tr>
<tr>
<td>Last Day of Classes</td>
<td>December 4, 2013</td>
</tr>
<tr>
<td>Final Exam</td>
<td>December 11, 2013, 10:15–12:15</td>
</tr>
</tbody>
</table>

Students with Disabilities:

If you need course adaptations or accommodations because of a disability, if you have a medical and/or safety concern to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.