MTH 357 – Probability and Statistics
Fall 2014

Instructor: Carol Overdeep Office: OM 429
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Office Hours: MWF 11–11:50, M 2–2:50; WF 1–1:50; T 12–12:50; by appointment, or drop in
Webpage: http://homepages.stmartin.edu/fac_staff/coverdeep/

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 10, 2014, 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.
  o Homework will be considered late if not in my office by 3:30 on the due date unless prior arrangements have been made.
  o 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:

- **Labor Day (Holiday)**: September 1, 2014
- **Last Day to Change/Add a Class**: September 5, 2014
- **First Exam**: September 12, 2014 *(subject to change)*
- **Second Exam**: October 10, 2014 *(subject to change)*
- **Fall Break**: October 13–14, 2014
- **Advising Day**: October 30, 2014 (Thursday)
- **Third Exam**: November 3, 2014 *(subject to change)*
- **Last Day to Withdraw From a Class**: November 7, 2014
- **Saint Martin’s Day (Holiday)**: November 11, 2014 (Tuesday)
- **Quiz**: November 19, 2014 *(subject to change)*
- **Thanksgiving Break (Holiday)**: November 27–28, 2014
- **Last Day of Classes**: December 4, 2014
- **Final Exam**: December 10, 2014, 10:15–12:15

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