

Gannon University
Math 213, Section 03, Fall 2006
Applied Statistics
TTh 1:30pm – 2:50pm
T Zurn 122
Th Zurn 233

Instructor: Dr. Geoffrey D. Dietz
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Office: Zurn 407
Office Phone: 871-7595
Office Hours: M 1:30pm–4pm, W 1:30pm–3pm, Th 3pm–4pm, or by appointment
Text: **Elementary Statistics, 3rd Edition.** Larson and Farber, 2006.

1. **Web Site:** http://www.gannon.edu/faculty_staff/faculty/dietz005/teaching/F06-213.html.
2. **Course Content.** The text is listed above and should be obtained immediately. You are expected to read the assigned sections before every class and be prepared to answer questions in class. We will cover Chapters 1–10. You will also learn to use the statistical software package **MINITAB** for lab assignments and exams.
3. **Course Outcomes.** You will learn the concepts and techniques of basic statistics. You will also learn how these concepts can be applied to problem solving in various scientific fields. This course meets the following objectives mandated by the Pennsylvania Department of Education: representation of functions numerically, symbolically, graphically, and verbally; understanding of measures of central tendency and variability; coverage of the axioms of probability; coverage of discrete and continuous probability and probability distributions; instruction in statistical inference; coverage of permutations and combinations; and effective and appropriate use of technology.
4. **Evaluation.** Quizzes or lab assignments will be given approximately once per week and will always be announced ahead of time. There will be no make-ups, but the lowest quiz or lab grade will be dropped. The three midterms will be held during regular class time, and the dates may be subject to change. Homework problems will be assigned in class. Although they will not be collected and graded, correctly solving these problems will be an excellent way to prepare for the quizzes and exams.
5. **Grading.** Final grades will be based on
A: 90–100 B+: 85–89 B: 80–84 C+: 75–79 C: 70–74 D: 60–69 F: 0–59.
The ranges may be widened at my discretion. The grades are weighted as follows:

Exam 1 (Thurs. 9/14):	18%
Exam 2 (Tues. 10/10):	18%
Exam 3 (Tues. 11/21):	18%
Final Exam (Tues. 12/12 11am–1pm):	30%
Quizzes / Labs:	16%
6. **Attendance.** Although not required, attendance at every class is highly recommended in order to maximize your success in this course. Regular attendance of scheduled office hours is also recommended if you have additional questions or concerns about any aspect of the course.
7. **Excused Absences.** An excused absence from an exam will only be given when the absence is truly unavoidable and beyond your control. In particular, travel plans will never be grounds for an excused

absence. If you have advanced warning of a situation that will cause you to miss an exam, please discuss it with me as soon as possible so that both of us will know the absence is excused.

8. **Academic Integrity.** Students are assumed to be familiar with the Academic Integrity Policy found in the current edition of the student handbook. Cheating or dishonesty may result in a failing course grade or even expulsion from the University.

9. **Student Disabilities.** Gannon University is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with me as early in the semester as possible. You must also be registered with The Program for Students with Learning Disabilities prior to receiving accommodations in this course.