

**Gannon University**  
**Math 252, Section 01, Spring 2007**  
**Linear Algebra**  
**MWF 1:25pm – 2:20pm**  
**Zurn 226**

**Instructor:** Dr. Geoffrey D. Dietz  
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**Office Phone:** 871-7595  
**Office Hours:** MWF 10am–11am, Tu 1pm–3pm, or by appointment  
**Text:** **Linear Algebra and Its Applications, 3rd Edition Update.** Lay, 2006.

1. **Web Site:** [http://www.gannon.edu/faculty\\_staff/faculty/dietz005/teaching/S07-252.html](http://www.gannon.edu/faculty_staff/faculty/dietz005/teaching/S07-252.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. We will cover Chapters 1–6 and parts of Chapter 7, which include the following topics: systems of linear equations; matrix algebra; determinants; vector spaces; linear transformations; eigenvectors and eigenvalues; orthogonality; and symmetric matrices.
3. **Course Outcomes.** You will learn the concepts and techniques of linear algebra. You will also learn how these concepts can be applied to problem solving in various scientific fields. This course meets the objectives mandated by the Pennsylvania Department of Education by covering: representation of functions numerically, symbolically, graphically, and verbally; transformations, coordinates, and vectors; and effective and appropriate use of technology.
4. **Evaluation.** Three exams will be held during regular class time, and the dates may be subject to change. Homework problems will be collected regularly throughout the semester. Additional practice problems will also be assigned in class. Although practice problems will not be collected or graded, correctly solving these additional problems will be an excellent way to prepare for the 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 (Fri. 2/9):	18%
Exam 2 (Fri. 3/16):	18%
Exam 3 (Mon. 4/16):	18%
Final Exam (Mon. 4/30, 1:30pm–3:30pm):	30%
Homework:	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. You are responsible for obtaining any information missed due to absence.
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, you must arrange to take a make-up exam before the scheduled test date.

8. **Technology.** A calculator capable of working with matrices will be useful during class and on exams. It is your responsibility to understand how to operate your calculator.
9. **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.
10. **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.