

**Mathematics 220**  
**Elementary Statistics, Fall 2009**  
**Tuesday and Thursday, Duke 107**  
**Instructor: Dr. Steven Garren**

**I. Prerequisite:** demonstration of strong preparation in algebra

**II. Instructor's office information**

email:	garrenst@jmu.edu
location:	Roop Hall, room 313
web-site:	<a href="http://www.math.jmu.edu/~garrenst">http://www.math.jmu.edu/~garrenst</a>
office hours:	Monday, 2:30 p.m.–3:30 p.m. Tuesday, 9:30 a.m.–10:30 a.m. Wednesday, 10:30 a.m.–11:30 a.m. Thursday, 9:30 a.m.–10:30 a.m.

**III. Text required**

Agresti and Franklin (2007), *Statistics: The Art and Science of Learning from Data*

**IV. Course objectives**

- Some of the main topics covered are descriptive statistics, frequency distributions, sampling, estimation, testing of hypotheses, regression, correlation, and an introduction to statistical analysis using the computer language SPSS.

**V. Grading**

15%	Computer-related homework
20%	Midterm I Exam: Tuesday, September 22
20%	Midterm II Exam: Thursday, October 15
20%	Midterm III Exam: Thursday, November 12
25%	Final Exam: Tuesday, December 8, 8 a.m.–10 a.m.

**A. Homework**

- Textbook-related homework problems will be highly recommended but not graded, and are listed at my web-site.
- SPSS is the required language for computer-related homework problems.
- Students are permitted to work together on SPSS homework, without directly copying other students' work.
- All homework scores count toward one's final grade; i.e., no scores are dropped.
- No late homeworks will be accepted.

**B. Exams**

- Exams are closed notes and closed book. Formula sheets for exams are provided ONLY by the instructor. Students may NOT bring their own formula sheets to exams.
- Each student will be allowed to bring to each exam a calculator, although students may not share calculators.
- The final exam is cumulative.
- At least 80% of the weighting of the exams will come from modifications to the homework problems and in-class examples.

## VI. Miscellaneous

- The best calculator to accompany this course is a TI-83 (or 84). However, a TI-83 is not the best calculator for a calculus course.
- The Learning Center offers free tutoring in MATH 220 in Roop 200. For additional information, go to [www.jmu.edu/smrc](http://www.jmu.edu/smrc) or call 568-3379.
- For locations of (PC) computers, see [www.jmu.edu/computing/labs/locations/index.shtml](http://www.jmu.edu/computing/labs/locations/index.shtml)
- Students may enroll in “auto-grade,” which immediately emails the student his/her grade whenever a (homework, exam, or final) grade is recorded electronically.
- Class attendance will be taken each class, and will be emailed to the students via “auto-attendance.”
- The final date to withdraw from this course with a “W” is October 22.
- “WP” and “WF” will NOT be assigned in this course.
- Disruptive behavior will result in the reduction of the student’s final grade.
- The honor code of the university will be strictly enforced.
- During exams, no hats, no hoods, and no earphones may be worn.