MATH 167 Course Description for Semester 071

Instructor: Prof. Brad Currey
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Office hours. Monday 9-9:50, Tuesday 9:9:50, Wednesday 2:10-3


Prerequisite. algebra course(s) equivalent to MT-A120 (College Algebra)

Goal. The goal of this course is theefold:
1. develop an understanding of what statistics is about,
2. learn how and when to use certain basic statistical methods, and
3. learn how to use SPSS to implement certain basic statistical methods.

Syllabus.
Chapter 1: 1.1, 1.2
Chapter 2: 2.1 - 2.3
Chapter 3: 3.1, 3.2, 3.4
Chapter 4: 4.1, 4.2
Chapter 5: 5.1, 5.2
Chapter 6: 6.1 - 6.3
Chapter 7: 7.1 - 7.2
Chapter 8: 8.1, 8.2, 8.5
Chapter 9: 9.1 - 9.4, 9.7
Chapter 10: 10.1 - 10.4
Chapter 11: 11-1 - 11.5

Policies. Each class meeting I will assign homework from the text that you should work on before the next class. I will usually allow time in the next class to answer questions on the homework. Mini-projects to be turned in will be given about every four class meetings with a due date. Each mini-project must be prepared to be turned in at the beginning of class on the day it is due in order to receive full credit. There is a penalty of 20% for each class that it is late.

There will be three in-class tests and a final. The final exam is required and cumulative.

Final Exam Date and Time. Friday, December 15, 12:00 noon
No early tests or makeup tests will be given. A missed test will result in a score of zero being recorded for that test. Some special consideration may be given in case of an emergency. An emergency is defined as being an event that is verifiable, unpredictable, and out of your control. It would be my judgment as to whether an emergency occurred and warrants special consideration.

**Grades.** There will be about 10 mini-projects, 3 in class tests, and a final exam. At the end of the semester I will calculate your project percentage (P). If your final exam percentage (FE) is higher than that of your lowest test (T1, T2, or T3), then your lowest test percentage will be changed to be equal to the final exam percentage. After this is done, then for each student I will calculate a course score (CS) by the formula

$$\text{CS} = .19(T1 + T2 + T3) + .18(P) + .25(\text{FE}).$$

The course score CS is then used to assign your course letter grade as follows. I will announce letter grade cutoffs for each test when it is returned to you in class, and at the end of the semester I will determine letter grade cutoffs for P and FE. For each letter grade, I then calculate the course grade cutoff by plugging the cutoffs for that grade on each of the tests, etc., into the same formula above. Your course letter grade is then determined by comparing it to the course grade cutoffs.

**Other.** 1. Any student with a disability, including a learning disability, is encouraged to utilize the resources and accommodations provided by the university. Such a student must obtain certification from the Disabilities Office at the Academic Resources Center, and have a letter or email sent to me from that office. Accommodations are then easily arranged in conjunction with the Disabilities Office. In particular, it is not uncommon for such a student to take the one-hour tests in a separate location provided by the Disabilities Office. It is the student’s responsibility to make any such arrangements with the Disabilities Office.

2. Any violation of academic honesty in this course will be investigated and adjudicated according to the procedures set forth in the College of Arts and Sciences Policy on Academic Honesty.