Course Syllabus for Stat 101I (Spring 2009)
Introductory Statistics

Instructor Information

Name: Mr. Bryan Snare
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Office: Trexler, 270-F
Phone Number: (540) 375-4906

Class Information

Meeting Time: TTH (10:10 – 11:40 a.m.)
Meeting Location: Trexler, Room 372
Office Hours: MW(9:30 -11:00 a.m.), T/TH(8:30 – 9:30 a.m.), and by appointment

Final Exam: Thursday, April 23rd, 8:30 - 11:30 a.m.


Course Content: This is a course in learning how to obtain and interpret results obtained from sets of data by using techniques of statistics. This class will introduce to you the methods of collecting, organizing, and presenting data. You will also study various quantitative measures for data and will study how to draw conclusions and make inferences from that data. Some probability will also be discussed as a precursor to the “inferential” statistics.

Attendance Policy:
Visit http://www.roanoke.edu/catalog2007/attendance.htm for Roanoke College’s attendance policy. I will take attendance each class period. Leaving before the class period is over (without excuse or dismissal) will be considered an absence for the class period. Notify me as soon as possible if you will not be attending class.

Academic Integrity Statement:
All students are expected to read and abide by all policies outlined in the Academic Integrity at Roanoke College brochure for 2007-2008. See http://www.roanoke.edu/catalog2007/integrity.htm and http://web.roanoke.edu/x2560.xml for additional information.

Software/Technology:

• All students will need a scientific calculator to perform arithmetic calculations.

• Cell phones must be turned off before class begins. In the event that your cell phone rings during class because you forgot to turn it off, please silence it as quickly as possible. It is not acceptable to use your cell phone for any purpose during class. Note that any purpose includes text messaging!

• Additional items not permitted for use in class include (but are not limited to): PalmPilots, Pocket PCs, Blackberrys, and headphones.
Roanoke College’s policy on working with students with disabilities:
Reasonable accommodations will be made for students with verifiable disabilities. For additional information, see http://www.roanoke.edu/catalog2007/StudentsDisabilities.htm.

Homework:
Suggested problems for each section of material will be given on a daily basis. For maximum benefit, you should attempt these problems the same evening corresponding material is covered in class. In-class quizzes often will be similar to or the same as suggested homework problems. Some homework will be assigned to be turned in and graded.

Determination of Final Grades:

MCSP Conversation Series (1%)
The Mathematics, Computer Science and Physics department offers a series of discussions that appeal to a broad range of interests related to these fields of study. These co-curricular sessions will engage the community to think about ongoing research, novel applications and other issues that face these disciplines. As a member of this class, you are invited to attend all meetings. You are required to attend one meeting and submit to your instructor a correctly completed Conversation Series Form (available to download from Blackboard). For full credit, you must submit the correctly completed form no later than the beginning of the 3rd class period after the date of the talk. In addition, a detailed summary of the talk will be required for a perfect score. For a listing of dates, times, speakers, and topics, visit http://cs.roanoke.edu/MCSPSeries/ (updated throughout the semester).

Quizzes/Homework (10%)
Credit will not be awarded for late submissions to quizzes or homework; however, your (two or three) lowest grades for quizzes/homework will be dropped. There will be NO make-ups for quizzes.

Project Assignments (8%)
There will be a few assignments introducing statistical analysis using the MINITAB software package. Your book should come with a student version of MINITAB 14. Labs on campus also have MINITAB 15 installed.

Tests (56% - 4 tests worth 14% each)
*Dates:* Test 1 (Tue., January 27), Test 2 (Thurs., February 12), Test 3 (Thurs., March 19), Test 4 (Tue. April 14)

If you miss or will be missing a test for reasons beyond your control (college sports team event, sickness, family tragedy, etc.), notify your instructor as soon as possible. The make-up test may be an oral exam.

If you have no more than 2 absences (for any reason) at the end of the semester, your lowest test grade will count 8% and the other three will count 16% each.

Cumulative Final Exam (25%)

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>93-100 A</th>
<th>90-92.99 A-</th>
<th>87-89.99 B+</th>
<th>83-86.99 B</th>
<th>80-82.99 B-</th>
<th>77-79.99 C+</th>
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