STT 200: Statistical Methods – Section 203 Summer 2015

Class Meetings: M, W, TH 7:00 PM – 8:50 PM at 1202 Engineering Building

Prerequisites: (MTH 103 or MTH 110 or MTH 116 or MTH 124 or MTH 132 or LB 118) or designated score on Mathematics Placement test

Course Description: Data analysis, probability models, random variables, estimation, tests of hypotheses, confidence intervals, and simple linear regression.

Instructor Information:
Name: Andrew Shutt
Email: shuttand@stt.msu.edu
Office location: C500 Wells Hall
Office Hours: M, W, TH 5:20 PM – 6:40 PM or by appointment
Help Room Hours: M 2:00 PM – 4:00 PM
Help room is located at A102 Wells Hall. See the full schedule at www.stt.msu.edu/Academics/helproom.aspx

Textbook and other Materials

Strongly Suggested: TI-83 Plus or TI-84 edition graphing calculators

Attendance

Students whose names do not appear on the official class list for this course may not attend this class. Students who fail to attend the first four class sessions or class by the fifth day of the semester, whichever occurs first, may be dropped from the course. Otherwise, attendance will have no direct impact on grading.

Grading

The grading components are homework sets (40%), two in class exams (15% each), and a final exam (30%). In addition, open note/open book quizzes during the class will count towards your homework set point total as extra credit.
Homework Sets

Homework sets will be assigned on D2L and announced in class, then due on the date specified by the end of class. Due dates will be on Mondays. Homework sets will usually be a combination of assigned problems from the required textbook, and any created problems. Not all problems in the homework will necessary be graded. Late homework will be accepted within a week after its due date under a -40% penalty. Late homework will not be accepted after the last day of classes. Students are encouraged to collaborate with each other on homework sets, but each students must submit their own assignment.

In Class Exams

Two exams and a Final exam will be given in class, and will be a mix of multiple choice type problems, and short answer problems. The tentative dates for the in class exams will be Thursday July 23rd, and Thursday August 6th. The final exam will occur on the last day of classes, Thursday August 20th. If a student is planning on missing an exam for a verifiable reason, this must be brought to the attention of the instructor at least 48 hours in advance to schedule a makeup exam. If an exam is unexpectedly missed, makeups will only granted under extreme circumstances.

Quizzes

Quizzes will occur on the same day homework is due. Quizzes will be used to test and prepare students for exams without losing points. Quizzes may award up to 50% extra credit per homework assignment. These quizzes will be no longer than 20 minutes and will occur at the end of the class period. They will be open note and open book, but not open resource (e.g. cell phone use, classmate help). Make up quizzes will not be offered under any circumstance because they are for extra credit.

Grading Scale

Final Grades will be determined by the following scale:

<table>
<thead>
<tr>
<th>Final Percent (x)</th>
<th>Final Grade</th>
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</thead>
<tbody>
<tr>
<td>90%≤x</td>
<td>4.0</td>
</tr>
<tr>
<td>84%≤x&lt;90%</td>
<td>3.5</td>
</tr>
<tr>
<td>78%≤x&lt;84%</td>
<td>3.0</td>
</tr>
<tr>
<td>72%≤x&lt;78%</td>
<td>2.5</td>
</tr>
<tr>
<td>66%≤x&lt;72%</td>
<td>2.0</td>
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<tr>
<td>60%≤x&lt;66%</td>
<td>1.5</td>
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<tr>
<td>54%≤x&lt;60%</td>
<td>1.0</td>
</tr>
<tr>
<td>x&lt;54%</td>
<td>0.0</td>
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</tbody>
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Desire 2 Learn

The Desire 2 Learn (D2L) site can be accessed at www.d2l.msu.edu, and is where homework assignments and solutions may be accessed in addition to grades for homework sets, exams, and quizzes. Check the site before or after receiving your grades in class to make sure the grade in your hand matches the grade on the screen. While I'll do everything I can to prevent these errors, it's still your responsibility to make sure these grades match and that you’ve been evaluated accurately. If the syllabus is ever updated, it will be accessible through D2L.

Academic Honesty

Article 2.III.B.2 of the Student Rights and Responsibilities (SRR) states that "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the Department of Statistics and Probability adheres to the policies on academic honesty as specified in General Student Regulations 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. (See Spartan Life: Student Handbook and Resource Guide and/or the MSU Website: www.msu.edu.) Therefore, unless authorized by your instructor, you are expected to complete all course assignments, including homework, lab work, quizzes, tests and exams, without assistance from any source. You are expected to develop original work for this course; therefore, you may not submit course work you completed for another course to satisfy the requirements for this course. Also, you are not authorized to use the www.allmsu.com Web site to complete any course work in this course. Students who violate MSU academic integrity rules may receive a penalty grade, including a failing grade on the assignment or in the course. Contact your instructor if you are unsure about the appropriateness of your course work. (See also the Academic Integrity webpage.)

Accommodations for Students with Disabilities

(From the Resource Center for Persons with Disabilities (RCPD): Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities at 517-884-RCPD or on the web at rcpd.msu.edu. Once your eligibility for an accommodation has been determined, you will be issued a Verified Individual Services Accommodation ("VISA") form. Please present this form to me at the start of the term and/or two weeks prior to the accommodation date (test, project, etc.). Requests received after this date may not be honored.)