MATH 282

INTRODUCTION TO STATISTICS

Fall 2015

INSTRUCTOR: Yaser Samadi (ysamadi@siu.edu, 618-453-6502)
Office: Neckers 281
Office Hours: M W F, 12:50pm - 1:50pm, 3:00pm - 4:00pm, or by appointment.
Meeting Hours: M W F, 2:00pm - 2:50pm, EGRA, Room 408
Prerequisite: MATH 108 with C or better.

Course Objectives: The goal of this course is to introduce statistical techniques for collecting and analyzing data with an emphasis on statistical thinking and how statistics is used in everyday situations. Students will learn how to read data summaries critically, how to produce data, how to use sound and appropriate methods for drawing trustworthy conclusions, how to make defensible descriptions and inferences about samples and populations, how to design experimental studies, how to distinguish between observational and experimental studies, and how to communicate the appropriate conclusions of statistical studies.

Grades: Grades will be based on the following scheme. Course grade will be assigned based on total points earned. Straight scale will be adopted to determine a +/- letter grade.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>20%</td>
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<tr>
<td>Quizzes</td>
<td>14%</td>
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<tr>
<td>Midterm Exams(3 exams, each 12% )</td>
<td>36%</td>
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<td>Final Exam</td>
<td>30%</td>
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Homework: These will be assigned periodically, graded and returned.

Exams: Tentative Exam schedule is as follows: Exam 1- Friday, September 25th; Exam 2- Monday, October, 26th; Exam 3- Monday, November 23th; and the Final exam will be on Monday, December 14th from 5:00pm to 7:00pm (the Room will be announced).

Attendance: I expect you to attend every class, to arrive on time, and to participate in all class activities. Good attendance will be taken into account in borderline cases.

Notes: The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.
Last day to drop with refund: Sunday, September 6; Last day to drop (Salukinet), no refund, resulting a W grade): Sunday, November 1.