STAT2600: Statistics using R
Summer I 2017 Syllabus

4 credit hours

Instructors
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Course Webpage
http://www.stat.wmich.edu/~hzz3534/stat2600s1

Description
Students will obtain a solid introduction to R as a functional programming language and will be able to use R to effectively compute statistical and graphical procedures. Topics to be covered include descriptive statistics, plots and graphs for discrete and continuous data, statistical inferences methods, regression, and Chi-square test using traditional statistical procedures.

Prerequisite
MATH 1100 with a grade of “C” or better

Any student who has completed this requirement elsewhere must go to 3303 Everett Tower, and verify eligibility to take Stat 2600. STUDENTS FAILING TO MEET THE PRE-REQUISITE WILL BE DROPPED FROM THE COURSE BY THE DEPARTMENT ON THE LAST DAY OF THE DROP/ADD PERIOD.

Textbook
Introduction to the Practice of Statistics (7th edition), by David Moore is required for this class. R by Example, by Jim Albert and Maria Rizzo is recommended for this class, downloaded at WMU library for FREE (http://link.springer.com.libproxy.library.wmich.edu/book/10.1007%2F978-1-4614-1365-3).

Grading Policy
Your grade for the course will be based on workshops and exams with the following weights:

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<tbody>
<tr>
<td>Homework</td>
<td>30%</td>
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<tr>
<td>Exam1 (6/6)</td>
<td>35%</td>
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<tr>
<td>Exam2 (6/27)</td>
<td>35%</td>
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The following scale will be used in determining your final grade:

<table>
<thead>
<tr>
<th>A</th>
<th>BA</th>
<th>B</th>
<th>CB</th>
<th>C</th>
<th>DC</th>
<th>D</th>
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<tr>
<td>≥ 90</td>
<td>≥ 85</td>
<td>≥ 80</td>
<td>≥ 73</td>
<td>≥ 65</td>
<td>≥ 57</td>
<td>≥ 50</td>
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Homework Assignment
There will be homework every week and problems will be assigned from exercises in the textbook. You must submit the assignment via email by a deadline and late one is not accepted. The lowest one will be dropped.
Exams
There will be two in-class exams (6/6 and 6/27) in Rood 3396. The policy on make-up exams is very strict; A MISSED EXAM IS A ZERO SCORE. You are not allowed to take an exam early or late.

Elearning
Elearning will be used to update grades and contact you.

Tutor Lab
The tutor lab is located in ROOD 3363 and operates Mon at 2:30-4, Tues at 8-10, Wed at 2-4, and Thurs 12-3. The purpose of the tutor lab is to give you additional support and explanation in supplement to what is being taught in your Statistic course(s). Please take advantage of the additional help outside of your class and your professor’s office hours. There is also a list of private tutors in the Statistics Department (Everett Tower 3304) if you need additional help.

Disabilities
If you have any sort of disability such that you require accommodations to participate in class, take exams, etc, let me know so that we can make the appropriate arrangements. I'm happy to work with you, but I need to know. For more information, see www.wmich.edu/disabilityservices.

Incompletes
Incompletes will only be given according to University and Departmental policy. An incomplete is not a substitute for a failing grade; they are given only after completing a major portion of the coursework with a passing grade, and circumstances beyond your control prevent you from completing the coursework.

Academic Integrity
Students are responsible for making themselves aware of and understanding the academic policies and procedures in the Undergraduate and Graduate Catalogs that pertain to Academic Honesty. These policies include cheating, fabrication, falsification and forgery, multiple submission, plagiarism, complicity and computer misuse. [The policies can be found at http://catalog.wmich.edu under Academic Policies, Student Rights and Responsibilities.] If there is reason to believe you have been involved in academic dishonesty, you will be referred to the Office of Student Conduct. Students will be given the opportunity to review the charge(s). If you believe you are not responsible, you will have the opportunity for a hearing. Students should consult with your instructor if you are uncertain about an issue of academic honesty prior to the submission of an assignment or test.