Nonparametric Statistical Methods
(Dunn Hall 251, MW 4:00pm-5:25pm)

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Office: Dunn Hall 384 (Work Phone: 901-678-1145)
Office Hours: MW 2pm-3pm or by appointment.
Prerequisite: MATH6635, MATH6636, some experiences with R or SAS

Descriptions: The course provides an introduction to statistical estimation and inference methods that require relatively mild assumptions about the population distribution. Classical nonparametric hypothesis testing methods, Spearman and Kendall correlation coefficients, permutation tests, bootstrap methods, and nonparametric regressions will be covered.

Grading Policy: Grades will be calculated according to the following percentages:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Midterm Exam</td>
<td>30%</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
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<tr>
<td>Project</td>
<td>10%</td>
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<tr>
<td>Comprehensive Final Exam</td>
<td>40%</td>
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</tbody>
</table>

A = 85-100%
B = 75-84%
C = 65-74%
D = 55-64%
F = below 55%

Note: Any questions regarding grading/scoring must be made within one week of the return of the exam or no change in the grade will be made.

Make-up Policy: No make-ups will be given without written evidence of an official University excused absence. (See University Student Rules.) If no such notice is given, the rights to a make-up are forfeited. In addition (and also in accordance with University Student Rules), a written excuse must be presented upon return to class. Specifically, in the case of illness or injury, students are required to obtain a confirmation note from a health care professional affirming date and time of a medical office visit regarding the illness or injury.

Graded Homework: Homework usually will be graded and return to you within a week. For any assignments that are to be turned in on paper, you can discuss problems with your classmates (only in this section), and then write them down by yourself. Line by line copying is NOT allowed. If you do get the idea of some problem from someone, be sure to give reference to the student who gives you the idea at the end of the problem (this does not influence your score of the homework). No late homework assignments will be accepted without written verification of a University excused absence.

Attendance: I STRONGLY suggest that you make every attempt to not miss a single day of lecture. Falling behind in this course can be very detrimental to your grade.