Course Description and Objective
The sequence of courses STA 2023-3024 provides students with a firm foundation in the basics of applied statistical methods. The prerequisite for this course is STA 2023, which covered chapters 1-8 in the textbook. Concepts from STA 2023 will be reviewed as needed. Introduction to Stats II will focus on the following topics, in this order:

1. **Analysis of Variance** (Ch 12-13) to compare three or more population means
2. **Inference for Regression** (Ch 10-11) that covers Simple and Multiple Linear Regression
3. **Analysis of Two-Way Tables** (Ch 9) which studies categorical variables
4. **Nonparametric Statistics** (Ch 14-15) which do not require a Normal distribution of the response variable

Required Materials
2. **Scientific Calculator** - that has basic statistical functions such as mean and standard deviation. Graphing calculators are acceptable, but not required.

Online Quizzes
There will be four online quizzes, administered through WebCT Vista. In order to access WebCT, you must have a gatorlink account. There will be a link to WebCT on the course website which will direct you to [http://lss.at.ufl.edu](http://lss.at.ufl.edu). Each quiz will be worth 15 points, for a total of 60 points. You will have three tries for each quiz (with questions randomly generated). More details on the WebCT quiz functions will be given in class. Quiz dates will be announced in class, but will typically run from Friday through Monday most weeks.

Homework
Suggested homework problems will appear on the website. These will help you master the material but will not be collected.

Project
There will be one data analysis project worth 40 points. In order to complete this assignment you will need to have access to Minitab, a statistical computing software. All PC CIRCA labs on campus have it (not Macs). You may purchase it from the UF bookstore, but this is not necessary. You may also download it (free for 30 days) from the Minitab website, [http://www.minitab.com](http://www.minitab.com). Details concerning the project will be given in class.
Exams
There will be two exams given in class and a final exam, each worth 100 points. The format of the two exams will be a mix of multiple choice, short answer, and written. The final exam will be in multiple choice format. Students are required to bring to the exams their student ID number, picture ID, a calculator, and pencils. In case of a conflict or illness, if a student is unable to take an exam at the scheduled time, they must get in touch with the instructor immediately, for any arrangements to be made. Each case will be reviewed individually. Valid documentation is a prerequisite under such extenuating circumstances.

Tentative Exam Dates:
- Exam 1: Wednesday, July 13 (in class)
- Exam 2: Tuesday, July 26 (in class)
- Final: Friday, August 5 (in class)

Course Assessment
<table>
<thead>
<tr>
<th>Grade Structure</th>
<th>Grading Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 1 100 points</td>
<td>A: 360-400</td>
</tr>
<tr>
<td>Exam 2 100 points</td>
<td>B+: 340-359</td>
</tr>
<tr>
<td>Final 100 points</td>
<td>B: 320-339</td>
</tr>
<tr>
<td>Quizzes 60 points</td>
<td>C+: 300-319</td>
</tr>
<tr>
<td>Project 40 points</td>
<td>C: 260-299</td>
</tr>
<tr>
<td>Total 400 points</td>
<td>D: 240-259</td>
</tr>
<tr>
<td></td>
<td>E: below 240</td>
</tr>
</tbody>
</table>

Getting Help
Since summer courses move very quickly, it is very important that you keep up with the class and not fall behind in the homework. A graduate assistant will hold office hours on a walk-in basis for students who have questions on the material or homework. In addition, please do not hesitate to come and see me during office hours or by appointment.

Academic Dishonesty
We adhere to the University of Florida rules and guidelines for handling instances of academic dishonesty. Please refer to the Office for Student Services for detailed information about the current policies.

Instructor’s Honor Code
We the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.

Students with Disabilities
Students who require special accommodations in class or during exams should follow the procedures outlined by the Disability Resources Program (http://www.dso.ufl.edu/drp). Please see the instructor during office hours early in the semester, to discuss your accommodation letter confidentially.