STA 2023 STATISTICAL METHODS I

Instructor: Jim Schott
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Office hours: Tuesday 1:00 – 3:00 Wednesday 10:00 – 11:00
Thursday 1:00 – 3:00 or by appointment

Text and Required Materials:
Scientific calculator
Scantron: Raspberry color with UCF logo, 50 questions on the front page.
You will need 5 scantrons for the semester.

Coverage: The course will cover Chapters 1 – 9, excluding sections 2.7, 3.8, 5.4, 5.5, 7.6, 8.7, 8.8, 9.5, 9.6, and will cover the nonparametric sign test.

Activity Assignment: To document students’ academic activity at the beginning of the course, the assignment on Webcourses must be completed by January 16.

Exam Schedule: Exam dates will be announced in class and posted on the course web page. There will be five exams.

Exam 1: Chapter 1 – Section 3.4 80 points date to be announced
Exam 2: Section 3.5 – Chapter 4 80 points date to be announced
Exam 3: Chapters 5 and 6 80 points date to be announced
Exam 4: Chapters 7 and 8 80 points date to be announced
Final Exam: Chapters 1 – 9 160 points Wednesday April 26, 7:00-9:45am

Exams:
1) On exam days, you must bring a scantron and your UCF student ID card or Drivers License for identity verification. If you do not have your ID card or the correct scantron with you, you will not be allowed to take the exam and will receive a grade of zero.
2) You are expected to have and use your own calculator – no sharing of calculators is allowed.
3) No cell phones can be out during the exam.
4) There will be no make-up exams. If you miss an exam due to a documented emergency and notify me by email the day of the exam, then your final exam percentage grade will replace your missing grade.
5) All exams will be closed book and closed notes, but you may use one formula sheet (8 ½ by 11 paper), both sides.
6) If you are more than 10 minutes late for the exam, you will not be allowed to enter the exam room and will receive a grade of zero.
7) Grades will be posted through webcourses@UCF via MyUCF. You may see your exam during my office hours for the 2-week period immediately following the exam. However, you will not be able to keep or copy your exam.

**Grading:** The total number of possible points from the five exams is 480. The final course grade is based on these points as follows:

<table>
<thead>
<tr>
<th>Points</th>
<th>Grade</th>
</tr>
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<tbody>
<tr>
<td>432 – 480</td>
<td>A</td>
</tr>
<tr>
<td>422 – 431</td>
<td>B+</td>
</tr>
<tr>
<td>384 – 421</td>
<td>B</td>
</tr>
<tr>
<td>374 – 383</td>
<td>C+</td>
</tr>
<tr>
<td>336 – 373</td>
<td>C</td>
</tr>
<tr>
<td>288 – 335</td>
<td>D</td>
</tr>
<tr>
<td>Below 288</td>
<td>F</td>
</tr>
</tbody>
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**Teaching Assistants:** Several graduate teaching assistants are available for assistance with this course. They can help you if you are having difficulties with the homework problems or if you missed class and need to see the class notes. The GTA office hours will be posted on the course web page.

**Homework:** Listed below are suggested homework problems for the nine chapters covered in this course. These problems will not be graded or collected, but it is strongly recommended that you work these problems as we cover the material during the term. Answers to the odd numbered problems are in the back of the textbook and answers to the even numbered problems are posted on the course web page.

**Chapter 1:** 12, 13, 17, 18a-f, 25
**Chapter 2:** 30, 31a-b, 35 / 51, 55, 59, 71 / 79, 83, 87 / 95, 99, 103, 107, 113 / 115, 117, 121, 131 / 179, 182, 183, 209, 211
**Chapter 3:** 9, 11, 14, 15, 17, 31, 36 / 46, 47, 51, 54, 61 / 73, 75, 80, 90, 101 / 115, 118, 121, 126, 128, 129 / 149, 153, 157, 164, 168, 172, 174, 191, 194
**Chapter 4:** 3 / 21, 27, 35 / 41, 44, 54, 55 / 63, 65, 66, 72, 79, 81 / 95, 99, 105 / 111, 121, 123 / 138, 140, 142, 143, 149, 153, 159
**Chapter 5:** 5, 7, 18, 19 / 26, 28, 29, 31, 33, 35, 42 / 101, 105, 111 / 127, 134, 139, 144, 147, 151
**Chapter 6:** 3a-d / 23, 31, 32, 39, 41, 43 / 63, 64, 79, 82, 84, 85
**Chapter 7:** 8, 15, 21, 25 / 35, 45 / 61, 63, 65 / 75, 76, 79, 80, 81, 88, 91, 94 / 119, 127, 135a, 141, 145
**Chapter 8:** 13, 15, 19 / 24, 25, 27 / 33, 39, 40, 43 / 57, 61, 72 / 81, 85, 87 / 129, 131, 133, 134, 135, 140, 141, 144, 157
**Chapter 9:** 4, 5, 9, 12, 25, 27 / 36, 37, 45 / 63, 65, 71 / 125, 133, 135, 141, 143, 145