Learning Experiences

1. The class meets Monday through Thursday from 8:00 am to 9:00 am in MS 104. Attendance is very important, so do not miss class unless it is absolutely necessary. I will take roll at the beginning of each class meeting. If you do miss a class, it is your responsibility to contact a classmate regarding material and programs before the next class meeting. Please do not ask me to catch you up during class time.

   Please turn off your cellular phone and store it out of sight during class time. Also, all music listening devices and ear buds must be turned off and put away during class. If I see or hear any of this equipment during class, you will be dismissed from class.

2. If you find that you cannot attend class regularly or cannot do the work, it is your responsibility to drop this course so that you do not receive a failing grade. IF YOUR CUMULATIVE ABSENCES EXCEED THE TOTAL HOURS THAT THE CLASS MEETS DURING TWO WEEKS YOU MAY BE DROPPED FROM THE CLASS.

   Last day to drop without a “W” Feb. 1
   Last day to withdraw from a class Mar. 27

3. Homework is essential in learning mathematics. You should make every effort to do each assignment completely. Homework quizzes (15 points each) will be given each week. Homework quizzes cannot be made up.

4. Data analysis labs (25 points each) will be assigned. These labs should be turned in on the specified due date. Lab assignments may be turned in one class day late for a maximum of half-credit.

5. Four exams (125 points each) will be given. Any missed exams will receive a score of 0 and make-up exams will not be given. You may, however, take an exam early one time if arrangements are made with me. Exam dates will be announced one week prior to the exam.

6. The final exam (205 points) will be cumulative and is scheduled for Wednesday, May 13, 8:00—9:50 am. Before a grade can be given, the final exam must be taken. If you do not take the final exam, you will receive an F as a final grade.

Required materials:
- Prerequisite course: A course in Intermediate Algebra with a grade of “C” or better.
- Class Pack: Math 22 Class Pack, Spring 2015
- Calculator: TI-83, TI-83 Plus, or TI-84 or TI-84 Plus graphing calculator.
Student Learning Outcomes

Upon completion of this course, the student will:

1. Understand statistical terminology and symbols.
2. Construct and interpret graphs to display and classify data.
3. Compute and interpret appropriate descriptive statistics.
4. Compute probabilities.
5. Describe and utilize sampling distributions and apply the Central Limit Theorem.
6. Construct and interpret confidence intervals.
7. Construct and interpret hypothesis tests.
8. Use regression analyses to construct models on dependent variables.
9. Choose and apply inferential analyses in order to draw conclusions about populations.

Grading

Your grade will be determined as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>120</td>
</tr>
<tr>
<td>Labs</td>
<td>175</td>
</tr>
<tr>
<td>Exams</td>
<td>500</td>
</tr>
<tr>
<td>Final exam</td>
<td>205</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1000</strong></td>
</tr>
</tbody>
</table>

The grading scale is standard. Your course grade will be determined according to your total points.

- A 900—1000 points
- B 800—899
- C 700—799
- D 600—699
- F below 600

Any form of Academic Dishonesty will not be tolerated and will result in a zero for that grade. This is the only warning you will receive.

Holidays on which class will not be held:

- Lincoln Day Holiday  Feb. 13
- Washington Day Holiday  Feb. 16
- Spring Break  March 30–April 4

“Always bear in mind that your own resolution to succeed is more important than any one thing.”
Abraham Lincoln

Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disabled Student Programs and Services in the Student Services Building, 1st floor, counseling center, (661-395-4334) as soon as possible to better ensure such accommodations are implemented in a timely fashion.