Spring Semester 2014
PBIS-189 Introduction to Statistics
Section 001 8:00-9:00 M W F Swart 240
Section 002 8:00-9:30 T Th Swart 240
Section 004 9:40-11:10 T Th Swart 240
Section 007 1:20-2:50 T Th Swart 240
Section 008 1:50-2:50 M W F Swart 13

Instructor: Jeannette Boudry  boudry@uwosh.edu
Swart 221  424-7349

Office Hours: 10:20-11:20 MWF
12:00-1:00  T Th

Prerequisite: 67-103 with a grade of C or better or placement

Course Description: A study of topics which includes descriptive statistics and data analysis, elementary probability, binomial and normal probability distributions, the Central Limit Theorem, confidence intervals, elementary hypothesis testing, linear regression and correlation. A major goal of this course is an application of these topics to problems arising from the natural sciences, the social sciences, the health industry, and the business environment.

Textbook: Elementary Statistics using the TI-83/83 Plus Calculator third edition by Mario F. Triola is required. This is available in the bookstore.

Calculator: A TI-83 or TI-84 graphing calculator will be required. Please bring it to class every day.

Help: You should get help as soon as you find yourself not understanding something in class. Please come in and see me during my office hours. Tutors are available free of charge in the Math Lab in Swart 113 from approximately 8 am – 4 pm Monday through Friday. The exact schedule of hours will be posted.

Quizzes: An online quiz will be given for each chapter on D2L. You will have 90 minutes for each Quiz and can use your notes and book.

Homework: Online Homework will be assigned each week for each section on D2L. You will have several attempts for each assignment and can use your notes and book. These will usually be due on Tuesday.

Project: You will have a Group Project due near the end of the semester. You will collect data and summarize, graph, and analyze the data using confidence intervals and hypothesis testing. More details will be provided.

Attendance: You are expected to attend and participate in each class. Attendance is important. More than 2 absences (for any reason, illness, prior commitments, family matters, religious observance, . . .) will affect your final grade by losing one percent of your course grade for each class missed (up to 5 percent). Arriving late or leaving early will count as half a point.
Tests:
There will be 3 exams. The exams will be given in the Testing Center. You will have two hours for each exam. They will each be worth 100 points. There will be no make-up tests given except under special circumstances and prior notice.

Test Schedule
<table>
<thead>
<tr>
<th>Test</th>
<th>Date</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 1</td>
<td>Wed., Thurs.</td>
<td>1-3</td>
</tr>
<tr>
<td>Test 2</td>
<td>Mon., Tues.</td>
<td>4-7</td>
</tr>
<tr>
<td>Test 3</td>
<td>Thurs., Fri.</td>
<td>8-10</td>
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</tbody>
</table>

Grading:
Grading will be based on tests, quizzes, homework, project, and attendance weighted as shown below.

Course Component  Weighting
<table>
<thead>
<tr>
<th>Component</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tests</td>
<td>50%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Project</td>
<td>10%</td>
</tr>
<tr>
<td>Attendance</td>
<td>5%</td>
</tr>
</tbody>
</table>

The following scale will be used to calculate your grade.

Scale:
93-100 A
90-92 A-
87-89 B+
83-86 B
80-82 B-
77-79 C+
70-76 C
67-69 D+
63-66% D
60-62 D-
Below 60 F

Academic Honesty Policy:
Cheating on an exam, plagiarizing or any other form of academic dishonesty will be dealt with in accordance with the current UWO Student Discipline Code. The instructor reserves the right to assign a grade of “F” for the course should circumstances warrant.

The last day to drop without Late Drop Form is Wednesday March 19

There will be no class during the week of Spring Break March 23-30

Please put your cell phones away. No cell phone use in the classroom will be allowed. This includes before class starts.