

Youngstown State University
Department of Mathematics Statistics

STAT 3743, Probability and Statistics
Spring 2015

Instructor: Dr. Lucy X. Kerns
Office: Lincoln Building 641
Campus Phone: 330-941-1412
E-mail: xlu@ysu.edu
Office Hours: 12:00 p.m. – 2:00 p.m., MWF, or by appointment

Textbook: Devore, Jay (2011) *Probability & Statistics for Engineering and the Sciences*, 8th ed., Publisher: Cengage (Brooks Cole).

Syllabus: http://web.ysu.edu/gen/stem/Undergrad_STAT_m1316.html

Attendance: You are strongly encouraged to attend class each day because the materials covered in class will be sequential and form the basis of all quizzes and exams. You are responsible for all lectures, announcements, and assignments whether you attend class or not. Attendance will be one of several factors considered in “borderline” cases at the end of semester.

Classroom Conduct: Classes begin at 2:00 pm and all students are expected to arrive on time. This is especially important when there is a quiz given. All quizzes are given at the beginning of class, and if you are late for the class, you will not be allowed to have extra time to finish your work. All cell phones, pagers, etc. should be turned off during class.

Homework , WebAssign, and Quizzes:

Homework will be assigned at each class meeting. You will need to purchase an EWA access code, as we will be using the online homework system WebAssign for the homework exercises. You will need the Class Key ysu 7934 5718 in order to access the course on WebAssign. The address for WebAssign is
<http://www.webassign.net>.

Some lab assignments will be given. Lab assignments and homework problems on WebAssign will account for 150 points. You are expected to complete and submit your assignments before deadline. Late assignments will *NOT* be accepted.

Quizzes will be given weekly, and they will generally be on Monday. The quizzes will be similar to the assigned homework problems. Each quiz carries the same weight (10 points), and your best 10 quiz scores (of at least 12) will be counted. Since at least 2 quiz grades will be dropped, there will be *NO* make-ups given for quizzes.

Data Analysis Term Project: The term project can be done individually or by a team of at most three students. The term project is worth 100 points, and further details will be announced in class later.

Exams: There will be three Midterm exams worth 100 points each, and a comprehensive final exam worth 200 points. The final exam will be given on Monday, May 4, from 13:00pm to 15:00pm. The tentative schedule for Midterm exams is:

<u>Test 1</u>	<u>Wednesday, Feb 4, 2015</u>
<u>Test 2</u>	<u>Wednesday, March 4, 2015</u>
<u>Test 3</u>	<u>Wednesday, April 8, 2015</u>

There will be no make-up exams without a valid excuse. If you miss an exam for a medical emergency, you must have a valid doctor's excuse. If you miss an exam due to a documented University sponsored event, you should provide documentation to verify your absence from the exam. In case an exam will be missed, arrangements should be made with the instructor **PRIOR** to the absence.

Course Grades:

Homework & Lab Assignments	150 pts
Quizzes	100 pts
Term Project	100 pts
Exam 1	100 pts
Exam 2	100 pts
Exam 3	100 pts
<u>Final Exam</u>	<u>200 pts</u>
<i>Total</i>	<i>850 pts</i>

Based on your accumulated total points, your final course grade will be converted as follows:

<u>Total</u>	<u>Final Grade</u>
765 – 850 points	A
680 – 764 points	B
595 – 679 points	C
510 – 594 points	D
Below 510 points	F