

**Youngstown State University**  
**Department of Mathematics and Statistics**

**STAT 2625, Statistical Literacy and Critical Reasoning, Fall 2017**

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Instructor: Dr. Guang-Hwa Andy Chang  
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Office hours: 12:30pm - 2:00pm Tuesday and Thursday at YSU office and  
4:00pm - 5:00pm Tuesday and Thursday online (GoToMeeting)  
or by appointment  
Text: Elementary Statistics: A Brief Version, by A. Bluman, 7th Edition, McGraw-Hill  
Classroom: 414 Lincoln Building

Grading Policy:

Category	Tentative Schedule	Points
Homework and quizzes	TBA	500 points
Final Term Paper	due 12/14 11:00 PM	100 points
4 Regular Exams	9/21, 10/19, 11/16, 12/7	400 points
Total		1000 points

Final Grade:

900 Above => A  
800 – 899 => at least a B  
700 – 799 => at least a C  
600 – 699 => at least a D  
below 600 => at most a D

Make-up policy:

- Make-up tests will only be given to student who misses a test due to an extreme emergency and has notified the instructor within 24 hours after the exam, or a sufficient time period before the exam. The student will be expected to provide verification, such as signed statement and phone number, to verify the reason for his or her absence from the exam.

- No make-up quizzes will be given. Late homework or projects will not be accepted.

#### Homework and projects:

- Homework and projects will be assigned and be graded. "Study group" is strongly encouraged. However, each student must hand in their own work and write-up. If you are having trouble, please see me right away. A exercise notebook should be maintained which contains all homework exercises, properly annotated. I recommend that you work on the homework corresponding to the latest lecture. A maximum of 50 points will be given to a well maintained exercise notebook at the end of the semester, on 12/7.

#### Suggested Textbook Practice Problems:

- [Suggested Textbook Practice Problems for Edition 7](#)
- [Suggested Textbook Practice Problems for Edition 6](#)
- [Suggested Textbook Practice Problems for Edition 4](#)
- [Suggested Textbook Practice Problems for Edition 3](#)
- [Suggested Textbook Practice Problems for Edition 2](#)
- SPSS is the recommended statistical software for this course. SPSS is available in Math Computer Lab in Lincoln Hall and many other computer labs in YSU. (OnTheHub.com allows you to purchase a downloadable version.)
- There is a [term project](#) paper for the course. Detail information will be announced during the semester.

#### Attendance:

- It is expected that you will make every possible effort to attend all classes. In boarder line situations, class attendance may affect a student grade.
- Although I feel that it is essential for you to attend class, no direct punishment will be assessed to your grade if you choose not to attend class. However, in class activities that count for grades will be given from time to time. If you missed classes it may affect your grade. Students who missed class are responsible for finding out any pertinent information concerning the course from the instructor.
- Some materials in the course may not be from the textbook. You are responsible for all the materials covered in the course, take notes and download lecture notes if available.

#### Recommendations:

- Information related to the course will be sent to your YSU email account. You are responsible to check your email regularly for course related information and announcements.
- You may use Bluman's older editions, please match the subject titles when you read the older textbook.
- Successful students have found that the subject demands frequent intensive study with lots of problem solving exercises. Participating in group discussions is always helpful to yourself and others in learning. If you have questions, please contact instructor immediately. Do not wait till last minute.
- MAC center, located at Lincoln Hall, provides free tutoring service for this course. Feel free to use this facility.
- A scientific hand calculator that has the mean and standard deviation functions maybe helpful.