

**UNIVERSITY OF MARYLAND, BALTIMORE COUNTY**  
**Applied Statistics for Business and Economics**  
**STAT 351: Hybrid**                      **Summer 2015**

**Instructor:** Dr. Liz Stanwyck  
**E-mail:** [estanwy1@umbc.edu](mailto:estanwy1@umbc.edu)  
**Office:** Math/Psych 404  
**Office Hours:** Monday/Wednesday 5:00-6:00pm, and by appointment (MP 404)

**Lectures:** ONLINE/Blackboard & Aplia

**Class meetings:** Mon, Wed 6:00-6:50pm MP101

**Textbook:** *Statistics for Management and Economics* (Abbreviated)  
By Gerald Keller  
\*\*note that there are several acceptable formats for the textbook

**Homework system:** Aplia (access includes ebook)

**Course Objectives:** This course provides an introduction to statistical thinking and statistical methods used for analyzing and interpreting numerical data encountered in the context of business and economics. The purpose of the course is to provide knowledge and skills used in organizing, drawing conclusions, and exploring relationships in data. At the conclusion of this course, successful students will have an intuitive understanding of the statistical concepts covered during the term, will know how and when to apply these concepts, and will be a literate data user.

**Lectures and Course Material:** Material will be posted online, via Aplia or on the Blackboard course website. You are strongly advised to read and understand all posted material, as well as reading the textbook. It is expected that you will be comfortable with the material before coming to discussion sections the following Tuesday. You are responsible for all announcements posted on Aplia or Blackboard.

**Hybrid Format:** It is critically important that you study material early. The hybrid format differs from a traditional course in that far more pressure is placed on you as a student to manage your own academic schedule. While that allows you the flexibility to study at your convenience, it also means you do not have traditional opportunities to interact with your instructor and TA. Please take advantage of office hours and email communication to ask questions as soon as you have them.

**Face-to-face meetings:** Face-to-face meetings are mandatory. This is an opportunity to ask questions, discuss concepts, make sure that you have a strong grasp of course material, and practice problems, as well as take quizzes & exams. *It is also where you will earn participation credit for the course.*

**Quizzes:** There will be 5 quizzes administered throughout the semester. Your lowest quiz grade will be dropped (that is, the best 4 quizzes count toward your final grade). See the course schedule for quizzes and quiz dates.  
QUIZZES ARE CLOSED BOOK AND CLOSED NOTES.

**Calculators:** A *scientific* calculator is required for this course. You may use a graphing calculator for studying and for your homework, but **not** for tests and quizzes. You may NOT use a cell phone, or any other device with communication capabilities, in lieu of a calculator in the assessment section. You may not use any unapproved devices (e.g. dictionaries) during tests and quizzes.

**Technology:** Please bring some Internet-connected technology to class with you, if you have it available. Tablets, Smartphones, or Laptops will all be fine.

**Exams:** There will be 2 fifty-minute mid-term exams and 1 two-hour final exam at the end of the semester. Each of the mid-term exams counts as 15% of the final grade; the final exam counts for 20% of the final grade. Any change in dates will generally be announced a week in advance. All exams will be given during the assessment section.

ALL EXAMS ARE CLOSED BOOK AND CLOSED NOTES.

Exam 1 (chapters 1-5)	Wednesday 15 July, 6:00pm
Exam 2 (chapters 6-10)	Monday 3 August, 6:00pm
Final Exam (cumulative)	Wednesday 12 August 6:00-8:00pm

**Grades:**

2 exams @ 15% each	30%
Comprehensive Final Exam	20%
Quizzes	20%
Participation/Discussion	10%
Homework	20%

**Final Letter Grading:**

90% - 100%	A
80% - 89.99%	B
70% - 79.99%	C
60% - 69.99%	D
Less than 60%	F

*There is no grading curve for this course.*

**Make-up Policy:**

EXAMS: Make-up exams will only be given in cases of *documented emergencies*.

QUIZZES: Because one quiz grade will be dropped, there will be no make-up quizzes *under any circumstances*.

**Official UMBC Honor Code:**

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook or the UMBC Policies section of the UMBC Directory.

**Accessing Aplia:**

**Course Key: 38MM-4NFW-A9MJ**

1. Connect to <http://login.cengagebrain.com/>
2. **If you already have an account, sign in.** From your Dashboard, enter your course key () in the box provided, and click the *Register* button.  
**If you don't have an account,** click the *Create a New Account* button, and enter your course key when prompted. Continue to follow the on-screen instructions.

After paying, you will have the option to purchase a physical book at a discounted price. If you choose to pay later, you can use Aplia without paying for a limited time.