Econ 205 - Section 007 and 008
Statistics for Business and Economics
Fall 2014

Instructor: Dr. Juergen Jung, Stephens Hall 101K, Office phone: (410) 704-3551 (Economics Department: 410-704-2959), email: jjung@towson.edu

Time and Location: Tuesday / Thursday

- Section 007: 12:30 p.m. - 1:45 p.m., Stephens Hall 224

- Section 008: 2:00 p.m. - 3:15 p.m., Stephens Hall 200

Office Hours: Stephens Hall 101K

Tuesday	11:00 p.m. - 12:00 p.m.
Thursday	4:00 p.m. - 5:00 p.m.

Course Website: http://pages.towson.edu/jjung/teaching.htm

Required Textbook:
Levine, D. M., D. F. Stephan, T. C. Krehbiel, and M.L. Berenson, Statistics for Managers Using Microsoft Excel, 6th edition, Prentice Hall, 2011/2012. Short version.

Requirements:
Basic algebra and geometry is required. Microsoft Excel is the computer package used for all calculations in this course. While you are not expected to know the statistical techniques, you are expected to know basic Excel operations and how to navigate a spreadsheet.

Grading: There will be numerous homework assignments, lab quizzes, two midterm exams and a final exam. All assignments will be online and can be accessed via Blackboard. They will count toward the grade as follows.

	Points	**Percentage**
HomeworkAssignments	150	15%
LabQuizzes	60	6%
MidtermExam1	230	23%
MidtermExam2	230	23%
Final	330	33%.
Total	1000	100%

You can collect "chips" in class by answering questions correctly. Each chip is worth one point towards your final grade. This is extra credit. The grading scale is as follows:

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\begin{array}{ll}
92-100 & A \\
90-\ <92 & A- \\
88-\ <90 & B+ \\
82-\ <88 & B \\
80-\ <82 & B- \\
78-\ <80 & C+ \\
71-\ <78 & C \\
68-\ <71 & D+ \\
60-\ <68 & D \\
<60 & F
\end{array}
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Exams:

	Date	**Time**	**Room**
Midterm 1 (007/008)	Thursday, October 2	in class	Classroom
Midterm 2 (007/008)	Tuesday, November 4	in class	Classroom
Final Section 007	Thursday, December 11	12:30 p.m. - 2:30 p.m.	Classroom
Final Section 008	Tuesday, December 16	3:00 p.m. - 5:00 p.m.	Classroom

In general, make-up exams will NOT be given. If you miss a midterm exam with a valid excuse, the final will count for 56 percent of your grade. You can only miss one midterm exam. You must not miss the final exam. If you are involved in a university sponsored event that conflicts with an exam you must notify the instructor at least one week prior to the exam to schedule an alternative exam time.

No Cell-Phone/iPad/Laptop Policy: When you come to class please turn off your cell phone/iPad/laptop and store it in your bag. If you use your cell phone/iPad/laptop in class it will negatively impact your grade.

Et Cetera: Students may not repeat a course more than once without prior permission of the Academic Standards Committee.

Students with Disabilities: In accordance with university policy, if you have a documented disability and require accommodations to obtain equal access in this course, please contact me at the beginning of the semester (first three weeks!!) and when given an assignment for which an accommodation is required. Students with disabilities must verify their eligibility through the Office of Disability Support Services (AD 232).

Course Withdrawal: Please note that the last day to withdraw from the class is **Wednesday, November 5**. Students dropping on or before this date will receive a "W" on their official transcript. Withdrawal after that date will require an assignment of a letter grade for the course.

Academic Integrity: All students are expected to abide by Towson University's policy on academic integrity. The policy is available online:
http://wwwnew.towson.edu/provost/resources/studentacademic.asp. I will pursue the maximum allowable penalty for any violation of academic honesty or integrity.

Students' Responsibility: Students in this course are expected to spend a minimum of two hours preparing for each hour of class time. This time is to be used to read the assigned text material, work on the recommended exercises of the assigned chapters, and to read newspapers, magazines, and professional literature to find examples of the use of statistics. Statistics is a math course and the only way to learn it is to work on problems.

For labs, in order to gain the maximum efficiency, students are expected to read the related chapters in the textbook before each class session. Students are also highly recommended to work on the lab cases before each class. Lab cases are posted on my website. They are excel data files that contain questions and exercises related to the material covered in the class. Work through these carefully as all exams contain excel based questions. **No pocket calculators** are allowed during exams or during class. A formula sheet will be provided by me. No additional material is allowed.

Student Evaluations: Student evaluations of this course play a crucial role in my delivery. This semester, all course evaluations will be administered online during the last two weeks of the course. You will receive an email with a link to the website with directions on how to access the survey. It is vitally important that you complete the survey as I use the results to modify the course and assess my teaching and the University uses the results to address technology and facility needs. You can be assured that your responses will be confidential as the results will be transmitted to me after the grading period and they will not include any identifying information.

Tips for Good Performance in this Course: Work through every homework independently, but not alone. Discussion beforehand with your classmates is recommended. The final version must be done on your own. The instructor is also ready to help you. Remember to make good use of office hours!

READ YOUR TEXTBOOK BEFORE GOING TO CLASS! If you go to class without reading the book, you will be lost in the class. You might also lose the lab quiz for that class.

Description of the Course

Econ 205 is the first course in statistics for Business and Economics majors. The course is intended to enable you to develop a set of statistical tools which you can apply to data encountered in your future classes or on the job. Upon completion of this course, you should be able to:

1. Define and explain the relationships of statistics to other business areas.

2. Use the techniques or procedures necessary for manipulating or applying the concepts.

3. Apply what has been learned to the solution of practical problems in the business and economics areas through the development, evaluation, and selection of alternative statistical techniques.

4. Demonstrate a mastery of Excel commands of statistics.

Material: Tentative Outline [Subject to change]

1. What is Statistics (Chapter 1)

2. Graphical Techniques (Chapter 2)

3. Summary Statistics (Chapter 3)

4. Probability (Chapter 4)

5. Distributions (Chapter 5,6)

6. Sampling and Probability (Chapter 7)

7. Statistical Inference (Chapter 8)

8. Estimation and Hypothesis Testing (Chapter 9)

9. Linear Regression Analysis (Chapter 13,14)