

Moravian College
Department of Economics and Business
Syllabus: Economics and Business Statistics (ECON 156 C)

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Office Hours: Tuesday and Thursdays, 2-3pm or by appointment or knock on the door anytime to see if I am available.

Class Times: Tuesdays and Thursdays, 10:10-11:40a.m, COMEN-101

Course Textbook: “Essentials of Statistics for Business and Economics,” 4e, Anderson, Sweeney, and Williams: South-Western, 2006.

Course Objectives

This course covers basic statistical concepts and their measurement. It utilizes datasets on various economic and business indicators to demonstrate how the statistical tools and methods are applied in practice. The course relies on a combination of lectures, class discussions, lab work, assignments, and exams to deliver the material to students. At the end of the course students are expected to be able to use sound statistical analysis in their future empirical work.

Exams, Homework, and Grade Policy

Exams

Mid term exam dates are noted on the syllabus and will not be changed. The final exam will be administered during the final exam period, on a date and time assigned by the registrar later in the semester. Exams consist of problems and short essays/short answer questions. Formula sheets and tables will be provided, but you must bring calculators to all exams. You should buy a calculator that performs statistical functions, and know how to use it before you take an exam. You can NOT share calculators. Makeup exams are given only in EMERGENCY situations and are significantly different from the original exam. Cell phones must be turned off and kept out of sight during all exams.

Homework

Homework will be assigned after finishing the relevant topics as noted on the syllabus, and the due date will be given after it is assigned. Homework assignments will consist of essays, short answer questions, and problems. **YOU MUST SHOW ALL WORK.** If you miss class, you are responsible for finding out about due dates and changes in assignments.

PLEASE NOTE: the dates, chapters, and assignments are subject to change. If you miss class, you are responsible for finding out about due dates and changes in assignments. Failure to attend class is NOT an excuse for turning in assignments late.

All homework should be turned in as hardcopy unless I specify other terms. There will be **No Makeup** homework.

I urge you to do all homework assignments because this will make you understand the material better and will significantly improve your performance on exams.

Grade Policy

Homework:	30%
Attendance and Participation:	10%
Three Midterm Exams:	45%
Final Exam:	15%

Since students who turn in their homework late will have an unfair advantage relative to other students, a penalty will apply if you fail to meet the due date. You will be penalized following the schedule below:

Days of Delay	Penalty
< 1 day	10%
<2 day	20%
<3 day	50%
> 3 days	Not Accepted

Please note: Under some circumstances, I will release the answer sheet before the three day window. If that occurs, no late assignment will be accepted after the answer sheet has been released.

Attendance, Participation, and Communication

Regular attendance and active participation is important-10% of your total grade is based on attendance and participation. In addition, attendance is essential since we will extensively use computers to work on problems. You can only use the computers for classroom work. **DO NOT** use computers for non-classroom purposes (email, internet browsing, etc.) during class time or you will be asked to leave class.

I will post power point slides, excel examples, and other class materials on Blackboard. You can always download the materials and check your performance on Blackboard. Therefore, it is important for you to be familiar with Blackboard. I expect that all of you will check your College email account (or Blackboard) regularly. If you haven't done so, please make sure the email account works for you. I also encourage you to raise questions in the class and be an active discussant. Meanwhile, you are welcomed to drop by my office if you have any questions.

Academic Honesty

I encourage you to study in groups and to discuss all homework assignments, but you must write your own homework answers. If you copy your answers from another student or if you let another student copy from you, you will receive a zero for the HW assignment. If you copy an exam answer from another student, you will receive a zero on the exam. Please read the College's Policy on Academic Honesty in the Student Handbook. A copy of the policy can be found on the College web site at: <http://www.moravian.edu/studentLife/handbook/academic2.htm>. If you have any questions about this policy, please see me.

Learning Disabilities

Any student who wishes to disclose a disability and request accommodations for this course first MUST meet with either Mrs. Laurie Roth in the Office of Learning Services (for learning disabilities) or Dr. Ronald Kline in the Counseling Center (for all other disabilities).

Tentative Course Schedule

This schedule is tentative, and subject to change. Any variations will be announced in class.

August 28	Chapter 1:	Data and Statistics
August 30	Chapter 2:	Descriptive Statistics: Data Presentation <i>Homework #1(Chapters 1, 2)</i>
September 4-20	Chapter 3:	Descriptive Statistics: Numerical Measures <i>Homework #2 (Chapter 3)</i>
September 25-27	Chapter 4-6:	Probability and Probability Distributions <i>Homework #3(Chapters 4-6)</i>
October 2	Exam 1	Chapters 1, 2, and 3
October 4-9	Chapter 7:	Sampling and Sampling Distributions <i>Homework #4 (Chapter 7)</i>
October 11-16	Chapter 8:	Interval Estimation <i>Homework#5 (Chapter 8)</i>

October 18	Chapter 9-10:	Hypothesis Tests
October 23	Exam 2	Chapters 4-6, 7, 8
October 25-Nov 6	Chapter 9-10:	Hypothesis Tests
		<i>Homework #6 (Chapters 9-10)</i>
November 8-15	Chapter 12:	Simple Linear Regression
<i>November 20-26</i>	<i>Thanksgiving break</i>	
November 27	Chapter 13:	Multiple Regression
November 29	Exam 3	Chapters 9-10, 12
December 4-6	Chapter 13:	Multiple Regression
		<i>Homework #7 (Chapters 12, 13)</i>

Final Exam (Chapter 3, 9, 10, 12, 13)-exact date and time will be assigned by the registrar later in the semester.