

Moravian College
Economics 156A/B: Economic & Business Statistics
Syllabus -- Fall 2012

[[SYLLABUS 1: a compendium or summary outline of a discourse, treatise,
course of study, or examination requirements: a series of abstracts.

Webster's 3rd New International Dictionary (1966)]

Dr. George Brower

Comenius Hall 212

browerg@moravian.edu

610-861-1379

Time	Mon	Tue	Wed	Thu	Fri
9:45-10:15	Drop in . . .	Drop in or: send email or call with 2 or more times that fit our schedules to arrange an appointment.	Drop in . . .	Drop in or: send email or call with 2 or more times that fit our schedules to arrange an appointment.	Drop in or: send email or call with 2 or more times that fit our schedules to arrange an appointment.
10:20-11:30	FCFS: Com 212		FCFS: Com 212		
11:30-12:00	ECON 390 Com-213		ECON 390 Com-213		
1:10- 2:20	FCFS: Com 212		FCFS: Com 212		
2:35- 3:45	ECON 156A Mem 202		ECON 156A Mem 202		
3:45- 4:15	ECON 156B Mem 202		ECON 156B Mem 202		
	FCFS: Com 212		FCFS: Com 212		

Office Hours: FCFS? No appointments! . . . "Walk right in, sit right down . . ." [[1]]

Else: a) drop in any time, or

b) send email or call with 2+ times that work for us to arrange an appointment.

Prerequisites: College Algebra: you will be asked to do arithmetic (add, subtract, multiply, divide, and take square roots) with a calculator, and the ability to interpret an equation or graph. There are helpful tutorials (esp: 1-6, 14-17, 21-23, 25-28, 30-32, 34-35, and 42-47) at:

http://www.wtamu.edu/academic/anns/mps/math/mathlab/col_algebra/index.htm.

Goals: Students who complete this course should be able to:

1. Describe a variable numerically and graphically.
2. Describe relationships between pairs of variables numerically and graphically
3. Explain causal relationships between variables with regression analysis.
4. Forecast (predict,...) a variable's value and explain its meaning and limitations.

Texts & Materials:

- Moore, David S., G.P. McCabe, L.C. Alwan, B.A. Craig, and W.M. Duckworth (2009) *The Practice of Statistics for Business and Economics*. New York: W.H. Freeman. (EVERY class!)
- A calculator (EVERY class!), 3x5 cards, colored pencils, straight edge,

Class Preparation and Participation:

- On average, students who do the assigned reading and other work before class find it easier to do labs, prepare for exams, and earn higher grades in general.
- Increasing your grade by a letter takes 10% of available points (B to A, for example), so it takes 3,333% of them to increase your grade by one step.
- If the class meets 40 time, each class contributes 2.5% to your grade. After the first

four classes, someone who earned all 10% of the points available at that time would have earned a “J-,” if such a thing existed. After 24 classes, that student could have earned a D-, after 32 classes a B-, etc.

- In effect, preparation and participation for each class is worth 3/4 of a grade step.

Therefore, I assume you will:

- 1) read each assignment before it is due, learn unfamiliar vocabulary, and work the examples;
- 2) ask about vocabulary, concepts, & examples in class or in my office before class; and
- 3) be ready to discuss applications of the material and begin work on problems in class.

Minimum Points per Grade:

Points	Percent	Letter	GPts	Catalog Definitions [[3]]	Min GPA for: [[4]]
1000	100.00%	A	4.00	... achievement of the highest caliber. ...	
933	93.33%	A	4.00	Evidence of independent work and original thinking. ...	
900	90.00%	A-	3.67		
867	86.67%	B+	3.33		
833	83.33%	B	3.00	... higher than average achievement.	3.0 Honors Program
800	80.00%	B-	2.67		2.7 Field & Ind Study
767	76.67%	C+	2.33	... reasonable ... time, effort, and attention	
733	73.33%	C	2.00	... familiar ... with content[[,]] ... methods of study. ... active participation. ...	2.0 Major, Grad
700	70.00%	C-	1.67		
667	66.67%	D+	1.33	... unsatisfactory ... , below ... standard ...	
633	63.33%	D	1.00	one or more important aspects falls below the average ... for graduation.	
600	60.00%	D-	0.67		
<600	<60.00%	F	0.00	No points. This indicates failure.	

- Record your grades when work is returned to help you know if you need extra help.
- Extra Help: See me! That’s why I’m here!
- Grading requires qualitative judgments that are not easily translated to a number. I cannot discuss grades by email (see: Confidentiality) but am happy to do so during office hours or by appointment.

Assignments and Points Available

Assignment	Number	@ __ pts	@ __ %	Points	Percent
Prerequisite Pretest	1	050	05%	50	05%
Homework / Labs (a)	7 of 8	050	05%	350	35%
Hourly Exams	2	150	15%	300	30%
Final Examb (b)	1	300	30%	300	20%
Attendance (c)	40	000	00%	000	00%
Total				1000	100%

- Your lowest lab report score will not count toward your course grade.
- The final requires use of material from the Hourlies, but there will be no questions on their topics.
- But there are penalties for excessive tardiness; see Course Policies: Attendance and Tardiness, below.

Academic Honesty - The current *Moravian College Student Handbook* [[2]] policy applies.

Class Calendar & Assignments

Class	Day	Date	Task
1	Mon	08/27	Introductions
2	Wed	08/29	College Algebra review
3	Fri	08/31	College Algebra workshop
4	Wed	09/05	Prerequisite Pretest (5% of the course grade)
5	Fri	09/07	Return & discuss Prerequisite Pretest
6	Mon	09/10	Moore, et al., Chapters 1 and 2
7	Wed	09/12	Lab 1 (5% of the course grade unless lowest lab score)
	Thu	09/13	Fall Convocation with <u>Winona LaDuke</u>
8	Fri	09/14	No class - NFP Board off-site strategic planning
9	Mon	09/17	Moore, et al., Chapter 3
10	Wed	09/19	Moore, et al., Chapter 3 (continued)
11	Fri	09/21	Lab 2 (5% of the course grade unless lowest lab score)
12	Mon	09/24	Moore, et al., Chapter 4
13	Wed	09/26	Moore, et al., Chapter 4 (continued)
14	Fri	09/28	Lab 3 (5% of the course grade unless lowest lab score)
15	Mon	10/01	Moore, et al., Chapter 5 (definitions & table use, NOT formulas)
16	Wed	10/03	Review for 1st Hourly Exam (Chapters 1-5)
17	Fri	10/05	1st Hourly Exam (15% of the course grade)
18	Wed	10/10	Return & Review 1st Hourly Exam
19	Fri	10/12	Moore, et al., Chapters 6, 7.1, (the rest of 7, and 8)
20	Mon	10/15	Moore, et al., Chapters 6, 7.1, (the rest of 7, and 8) (continued)
21	Wed	10/17	Lab 4 (5% of the course grade unless lowest lab score)
22	Fri	10/19	Moore, et al., Chapter 9
23	Mon	10/22	Moore, et al., Chapter 9 (continued)
24	Wed	10/24	Lab 5 (5% of the course grade unless lowest lab score)
25	Fri	10/26	Moore, et al., Chapter 10
26	Mon	10/29	Moore, et al., Chapter 10 (continued)
27	Wed	10/31	Lab 6 (5% of the course grade unless lowest lab score)
28	Fri	11/02	Review for 2nd Hourly Exam (Chapters 6-10 only)
29	Mon	11/05	2nd Hourly Exam (15% of the course grade)
30	Wed	11/07	Return & Review 2nd Hourly Exam
31	Fri	11/09	Moore, et al., Chapter 11
32	Mon	11/12	Moore, et al., Chapter 11 (continued)
33	Wed	11/14	Moore, et al., Chapter 11 (continued)
34	Fri	11/16	Lab 7 (5% of the course grade unless lowest lab score)
35	Mon	11/19	Moore, et al., Chapter 13
36	Mon	11/26	Moore, et al., Chapter 13 (continued)
37	Wed	11/28	Moore, et al., Chapter 13 (continued)
38	Fri	11/30	Lab 8 (5% of the course grade unless lowest lab score)
39	Mon	12/03	Review for Final Exam (Chapters 11 and 13 only)
40	Wed	12/05	Review for Final Exam (Chapters 11 and 13 only)
41	Fri	12/07	Last Class
42	Exam Week		3rd Hourly Exam: Sec A Tu 12/11 1:30, Sec B Wed 12/12 8:30 (25% of course grade)

Course Policies:

Academic Honesty: The policy in the current *Moravian College Student Handbook* [2] applies. Anything you turn in for evaluation must be your individual work unless the assignment allows group work. Do not let enthusiasm in a group study session lead to submitted work that seems shared to me!

Attendance and Tardiness is your personal and professional responsibility.

I do not need Dr's, etc. notes, but see *Making-up an Absence*. I use attendance to:

1. Attach faces to names,
2. Know who is present and ready to work at the scheduled time.
3. Document tardiness.
 - Everyone is tardy sometimes but frequent tardiness or a pattern of tardiness indicates inadequate planning. Late arrivals: disrupt the class, draw attention to themselves, are not ready to begin work. Late arrivals distract me and their classmates from the point at that moment. They missed part of the presentation or activity, often requiring restatement or individual guidance while other students wait. Their undoubtedly sincere apologies do not compensate for the disruption they cause.
 - Those who travel to campus from home or work should expect more difficulty being on time. Include adequate time for travel uncertainties (construction, accidents, ...) finding a place to park, and reaching the classroom before class begins in your plans. Those challenges are ordinary parts of everyone's planning.
 - I reserve the right to penalize those who are tardy more than three (3) times. The fourth time you are tardy, I may impose a ten (10) points penalty for each tardiness, past or future. Ten points are 1% of the total for the course, so the penalty for being tardy four times, is 4% of the points available for the course. Since a step is 3.33% of total points, the tardiness penalty could be significant.
4. Guide benefit-of-the-doubt decisions when course grades are due.
5. Assist the Academic Affairs Office when a student withdraws.

Changes to this document are announced in advance, posted at <p:/econ/brower/e156> and, in the case of schedule changes, on my office door; use the current version!

Computers: Log out of the network and close laptop, etc. lids except for assigned activities.

Confidentiality: The FERPA (1974) forbids posting grades or discussing them by email.

Course Content Policy: 100-level Courses

- Introduce . . . basic vocabulary/concepts, methodologies, & applications of discipline(s) relevant to the course.
- Explore the broad subject matter of a given field (generally a survey course).
- Encourage . . . strategies/skills (& tools) [used] across disciplines. . . .
- Encourage critical thinking & advancing/acknowledging different ways of knowing.
- . . . prepare students for . . . 200 level courses in the discipline(s). . . .
- Generally have no prerequisites

Academic Honesty - The current *Moravian College Student Handbook* [2] policy applies.

Due Dates: Except by prior arrangement assignments must be turned in before their deadline and exams must be taken as scheduled, including the day before or after a College scheduled recess, or you will receive zero points for that activity.

Electronics: Bring a calculator to every class, but turn off all other electronics, including wireless gear (headsets), cell phone, personal digital assistant (blackberry, etc), music player (iPod, etc.) during class.

Email Do not submit ANYTHING for evaluation by email without PRIOR permission.

Exam Aids: You may use no aids except those listed on review materials and exams.

Extra Credit: To learn more about a topic, ask about independent study (GPA 2.7+).

Grades: See the table on page 2 and the College Catalog.

Handouts: including this syllabus will be at p:/econ/brower/e156 after distribution in class.

Learning and Other Disabilities: Students who wish to request accommodations in this class for a disability should contact Elaine Mara, assistant director of learning services for academic and disability support at 1307 Main Street, or by calling 610-861-1510.

Accommodations cannot be provided until authorization is received from the Academic Support Center.

Making-up an Absence:

- While you recuperate, read the assignment(s) and do any assignment(s). If you:
- Miss a class or two, see a colleague for notes, download any handouts, then see me.
- Planned absence? See me first. College-scheduled trips are the only travel-exceptions.
- Unexpected extended absences: contact me and Mrs. Laurie Roth (1510) asap.

Returned Work that is not picked up in class on the day it is returned is filed in an accordion folder ("Dr Brower's Out Box") near my office door. The folder's contents are shredded 48 hours after the Registrar's deadline for course grades.

Syllabus: This syllabus is available in the Academic Affairs Office (Monocacy Hall) and on-line at: <http://home.moravian.edu/public/regis/spring12syllabi.htm>.

Notes:

[[1]] "Walk Right In," The Rooftop Singers (1962), by Gus Cannon & Hosie Woods was first recorded by Cannon's Jug Stompers in the late 1920s. Citation based on downloads from http://en.wikipedia.org/wiki/Walk_Right_In and http://en.wikipedia.org/wiki/Gus_Cannon 15 Jan '09

[[2]] Academic Honesty Policy at: <http://www.moravian.edu/studentLife/handbook/academic2.htm>

[[3]] Grade definitions at: <http://www.moravian.edu/assets/base/pdfs/catalog.pdf>, p. 47-48. Emphasis added.

[[4]] Statements on independent and field study and the honors program at: <http://www.moravian.edu/assets/base/pdfs/catalog.pdf>, p. 39-40

Colophon: Goudy Bookletter 1911 is an open source version of Frederic Goudy's Kennerley Oldstyle, a text / display / serif / vintage (old-style) / Roman font by Barry Schwartz (2009), who thinks:

... Kennerley fits together tightly and evenly with almost no kerning. Thus the following words from Monotype specimen books are just: "[W]hen composed into words the characters appear to lock into one another with a closeness common in early types, but not so often seen in later-day creations." These are letters that take command of the space around them; notice, for instance, the bowed shapes of the v and w.

Downloaded 18 August 2010 from <http://www.theleagueofmoveabletype.com/fonts/8-goudy-bookletter-1911>

Download Goudy Bookletter 1911 from The League of Movable Type: <http://www.theleagueofmoveabletype.com>

Academic Honesty - The current *Moravian College Student Handbook* [[2]] policy applies.