### Economics 156B/C: Economic & Business Statistics Syllabus (Fall 2009): 27 August 2009

### Moravian College

SYLLABUS n 1: a compendium or summary outline of a discourse, treatise, course of study, or examination requirements: a series of abstracts. (Webster's 3d New International Dictionary (1966))

browerg@moravian.edu 610-861-1379 Dr. George Brower Comenius Hall 212 Mon Tue Wed Thu Fri ?:??- 9:45 **OHBA OHBA** OHBA **OHBA OHBA** OHBA **OHBA OHBA** 9:45-10:15 Office Hours **Office Hours** OHBA **OHBA OHBA** 10:20-11:30 **MGMT 260 MGMT 260** 11:30:12:00 Office Hours OHBA Office Hours **OHBA** Office Hours 1:10- 2:20 ECON 156B OHBA **ECON 156B OHBA ECON 156B** OHBA **OHBA** 2:35- 3:45 ECON 156C **ECON 156C ECON 156C OHBA** 3:45- 4:15 Office Hours OHBA Office Hours Office Hours

4:15- ?:??

Office Hours: No appointments! You can "Walk right in, sit right down . . . . "1 (FCFS, of course)

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OHBA:

Office Hours By Appointment, at mutually convenient times, and places.

Just ask, in person, by email or telephone; include some times that work for you!

These hours and any changes to them will be distributed and posted on my office door.

# **Prerequisites:** College Algebra (see, for example,

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http://www.wtamu.edu/academic/anns/mps/math/mathlab/col\_algebra/index.htm , especially tutorials: 1-6, 14-17, 21-23, 25-28, 30-32, 34-35, 42-47)

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

- 1. Describe a variable numerically and graphically.
- 2. Describe relationships between variables numerically and graphically
- 3. Conduct and explain the results of a regression analysis.

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4. Forecast (predict, . . .) a time series value and explain its meaning.

## Texts & Materials:

Moore, David S., G.P. McCabe, W.M. Duckworth, and L.C. Alwan (2009) The Practice of Business Statistics. New York: W.H. Freeman.

A calculator (EVERY class!), 3x5 cards, colored pencils, straight edge, . . . .

Course Work:	#	@ pts	@ pct	Points	
Prerequisite Pretest				100	10.0%
Homework	7	50	5.0%	350	35.0%
Hourly Exams	2	150	15.0%	300	30.0%
Final Exam				250	25.0%
Attendance				0	0.0%
Total			_	1,000	100.0%

## Policies:

Academic Honesty: The policy<sup>2</sup> in the current Moravian College Student Handbook<sup>3</sup> applies. Attendance: I use attendance to:

- 1. Attach faces to names.
- 2. Know who is present and ready to work at the scheduled time,
- 3. Assist the Academic Affairs Office when a student withdraws, and
- 4. Guide benefit-of-the-doubt decisions when course grades are due.

Attendance does not affect your grade, so I do not consider the reason for absences, but preparation and participation matters more than a grade step per class:

- A. The step between letter grades is 10% of course points (B to A, C+ to B+, etc), so the first 99 points of the 1000 available would earn a "J+" if letter grades kept going.
- B. A grade step is one-third of a letter grade, or 3.33% of the total available.
- C. Class meetings support graded projects and exams, so preparation for and participation in each one is implicitly worth 3.4% (100%/28), a bit more than a grade step.

Computers: Laptop, netbook, etc. lids *must be closed* except for assigned activities. Confidentiality: The Buckley Amendment (FERPA, 1974) forbids posting grades or discussing them (and other confidential matters) by email.

Due Dates: Except by prior approval assignments must be turned in before their deadline. Problem sets must be submitted in class. Exams must be taken as scheduled. Else, you will receive zero points for that activity (20% or more of the course grade).

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 There are many ways to show your learning, so there are none. If you want to know more about a topic and your GPA is 2.7+, ask about independent study.

Grades	Points	Percent	Letter	Points	Minimum Cumulative GPA for:
	1,000	100.00%			
	933	93.33%	Α	4.00	
	900	90.00%	A-	3.67	
	867	86.67%	B+	3.33	
	833	83.33%	В	3.00	Honors Program
	800	80.00%	B-	2.67	2.70 for Field & Independent Study
	767	76.67%	C+	2.33	
	733	73.33%	С	2.00	Graduation (major and over-all)
	700	70.00%	C-	1.67	
	667	66.67%	D+	1.33	
	633	63.33%	D	1.00	
	600	60.00%	D-	0.67	
	<600	<60.00%	F	0.00	

- See me as soon as you suspect you could use extra help! That's why I'm here!
- The Economics and Business Dept & Learning Center (1510) will help find a tutor.
- Record your grades to help you know if you need extra help.
- Grading requires qualitative judgments that are not easily translated to a numeric scale. See me during office hours **or** by appointment for questions on any grades.

Group Study is great, but **all** material you turn in for evaluation must be your individual work unless the assignment specifically authorizes group work. Do not let enthusiasm lead to material that appears to be the work of more than one person.

Handouts including this syllabus will be at p:/econ/brower/m260 after class distribution. Learning and Other Disabilities: If you wish to disclose a disability and request accommodations under the Americans with Disabilities Act (ADA), you must first meet with Mrs. Laurie Roth (1510; Office of Learning Services for learning disabilities or ADD/ADHD) or Dr. Ronald Kline (1510; the Counseling Center for all other disabilities. Make Up After Absence: 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.
  - For a planned absence, *see me in advance*. There are no make ups or extended due dates for travel except College-scheduled trips.
  - For unexpected extended absences, contact me and Learning Services (x1510) asap.
  - "Build the \_\_\_\_\_" **CANNOT be made up**, but a colleague can turn yours in for you.

*Returned Work* is filed by last name in an accordion folder ("Dr Brower's Out Box") outside my office door if you are absent. The folder's contents are shredded 48 hours after the Registrar's deadline for faculty to submit course grades.

Syllabus and Calendar changes are distributed in advance; use the current version!

Day	Date	e	Topic
Mon	Aug	31	College Algebra Review
Wed	Sep	<b>2</b>	College Algebra Review
$\operatorname{Fri}$	Sep	4	College Algebra Review Workshop
$\underline{\mathbf{Wed}}$		<u>9</u>	Prerequisite Pretest
$\operatorname{Fri}$	Sep	11	Return and review prerequisite pretest
Mon	Sep	14	Moore, et al., chapters 1-2
Mon	Sep	21	Moore, et al., chapters 3-4
Mon	Sep	28	Moore, et al., chapter 5 (definitions and table use, not formulas)
Wed	Sep	30	Review for Hourly Exam
	$\underline{\mathbf{Oct}}$	<u>2</u>	Hourly Exam
Mon	Oct	5	Return and review hourly exam
$\operatorname{Wed}$	Oct	7	Moore, et al., chapter 6-8
$\operatorname{Wed}$	Oct	14	Moore, et al., chapter 6-8 (continued)
Mon	Oct	19	Moore, et al., chapter 9
Mon	Oct	26	Moore, et al., chapter 10
Mon		2	Moore, et al., chapters 6-10 (continued)
$\operatorname{Wed}$		4	Review for Hourly Exam
	<u>Nov</u>	<u>6</u>	Hourly Exam
Mon		9	Return and review hourly exam
$\operatorname{Wed}$		11	Moore, et al., chapter 11
Mon		16	Moore, et al., chapter 11 (continued)
Mon	Nov	23	Moore, et al., chapter 13
Mon	Nov	30	Moore, et al., chapter 13 (continued)
	Dec	7	Review for Final Exam
<u>Mon</u>	<u>Dec</u>	<u>14</u>	Section B Final Exam starts at 1:30
Wed	<u>Dec</u>	<u>16</u>	Section C Final Exam starts at 8:30

This syllabus is available in the Academic Affairs Office (Monocacy Hall) and on-line<sup>4</sup>.

## 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 15 downloads from http://en.wikipedia.org/wiki/Walk\_Right\_In and http://en.wikipedia.org/wiki/Gus\_Cannon on 15 January, 2009
- 2. The College's Academic Honesty Policy is available at:
  - http://www.moravian.edu/studentLife/handbook/academic2.htm
- 3. The current *Moravian College Student Handbook* is on-line at:
  - http://www.moravian.edu/studentLife/handbook/index.htm
- 4. This semester's syllabi are on-line at:
  - http://home.moravian.edu/public/regis/spring09syllabi.htm but you may find last semester's syllabi for the first few days of the semester.