# Moravian College <br> Economics 156A/B: Economic छ Business Statistics <br> Syllabus / Spring 2012 

SYLLABUS i: a compendium or summary outline of a discourse, treatise, course of study, or examination requirements: a series of abstracts. (Webster's 3 rd New International Dictionary (1966))
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| Schedule | Mon | Tue | Wed | Thu | Fri |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 8:55-10:05 | MGMT 324 PPHAC 12 | Drop in, send email or call with $2+$ times that fit our schedules to arrange an appointment. | MGMT 324 PPHAC ${ }_{12}$ | Drop in, send email or call with $2+$ times that fit our schedules to arrange an appointment. | Drop in, send email call w/ $2+$ times to arrange an appt. |
| 10:05-10:35 | FCFS: $\mathrm{COM}_{212}$ |  | FCFS: $\mathrm{COM}_{212}$ |  |  |
| 10:35-12:30 | Di, selc w/ $2+\mathrm{t} \ldots$ |  | Di, selc w/ $2+\mathrm{t} \ldots$ |  |  |
| 12:30-1:00 | FCFS: COM $_{212}$ |  | FCFS: $\mathrm{COM}_{212}$ |  | FCFS: $\mathrm{COM}_{212}$ |
| 1:10-2:20 | ECON 156 A MEM 202 |  | $\underset{\text { MEM } 202}{\text { ECON 156A }}$ |  | $\begin{aligned} & \text { ECON } 156 \mathrm{~A} \\ & \text { MEM }_{202} \end{aligned}$ |
| 2:35-3:45 | $\begin{aligned} & \text { ECON 156B } \\ & \text { MEM } 202 \end{aligned}$ |  | $\begin{aligned} & \text { ECON 156B } \\ & \text { MEM } 202 \end{aligned}$ |  | $\begin{aligned} & \text { ECON } 156 \mathrm{~B} \\ & \text { MEM } 202 \end{aligned}$ |
| 3:45-4:15 | FCFS: ${ }^{\text {COM } 212}$ |  | FCFS: $\mathrm{COM}_{2 \mathrm{r} 2}$ |  | FCFS: COM 212 |
| Office Hours: | FCFS? No app <br> Else: <br> a) drop <br> b) send | intments! . . . "W <br> any time, or mail or call with 2 | k right in, sit <br> times that work | ht down . . . ." <br> or you to arrange | time and place. |

Prerequisites: College Algebra The course requires arithmetic (add, subtract, multiply, divide) including the ability to take square roots with a calculator, and the ability to interpret an equation or graph. You may find these tutorials: $1-6,14-17,21-23,25-28,3032$, 3435, and 42-47 helpful. They are at: http://www.wtamu.edu/academic/anns/mps/math/mathlab/col_algebra/index.htm. Goals: $\quad$ Students who complete this course should be able to:
I. 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 $\mathcal{F}$ 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 ( $E V E R Y$ class!), $3 \times 5$ cards, colored pencils, straight edge, . . . .


## Advice on 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 $D^{\prime}$, after 32 classes a B-, etc.
- In effect, preparation and participation for each class is worth $3 / 4$ of a grade step.

| Assignments and Points Available |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Assignment | Number | @_ pts | @_ \% | Points | Percent |  |
| Prerequisite Pretest | 1 | 100 | $10.00 \%$ | 100 | $10.00 \%$ |  |
| Homework / Labs (a) | 7 of 8 | 050 | $05.00 \%$ | 350 | $35.00 \%$ |  |
| Hourly Exams | 2 | 150 | $15.00 \%$ | 300 | $30.00 \%$ |  |
| Final Examb (b) | 1 | 200 | $20.00 \%$ | 250 | $20.00 \%$ |  |
| Attendancec (c) | 40 | 000 | $00.00 \%$ | 000 | 0000 |  |
| Total |  |  |  | 1000 | $100.00 \%$ |  |

The lowest score for a completed lab will not count toward your course grade.
b The final requires use of material from the Hourlies, but there will be no questions on their topics.
c But there are penalties for excessive tardiness; see Course Policies: Attendance and Tardiness, pp. 2/3.

Class $\xi^{\circ}$ Assignment Schedule $/$ I assume that you will:
I) read each assignment before it is due, learn unfamiliar vocabulary, and work the examples;
2) ask about vocabulary, concepts, छf 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.

| Dav | Date | Task |
| :---: | :---: | :---: |
| Mon | 01/16/12 | Introductions |
| Wed | 01/18/12 | College Algebra review |
| Fri | 01/20/12 | College Algebra workshop |
| Mon | 01/23/12 | Prerequisite Pretest, |
| Wed | 01/25/12 | Return \& discuss Prerequisite Pretest |
| Fri | 01/27/12 | Moore. et al.. Chapters 1 and 2 |
| Wed | 02/01/12 | Lab 1 |
| Fri | 02/03/12 | Moore. et al.. Chapters 3 |
| Wed | 02/08/12 | Lab 2 |
| Fri | 02/10/12 | Moore. et al.. Chapter 4 |
| Wed | 02/15/12 | Lab 3 |
| Fri | 02/17/12 | Moore. et al.. Chapter 5 (definitions \& table use. NOT formulas) |
| Mon | 02/20/12 | Review for 1st Hourlv Exam |
| Wed | 02/22/12 | 1st Hourlv Exam |
| Fri | 02/24/12 | Return \& Review 1st Hourlv Exam |
| Mon | 02/27/12 | Moore, et al., Chapters 6, 7.1, (the rest of 7, and 8) |
| Fri | 03/02/12 | Lab 4 |
|  |  | Sbrina Recess |
| Mon | 03/12/12 | Moore, et al., Chapter 9 |
| Fri | 03/16/12 | Lab 5 |
| Mon | 03/19/12 | Moore, et al., Chapter 10 |
| Fri | 03/23/12 | Lab 6 |
| Mon | 03/26/12 | Review for 2nd Hourly Exam |
| Wed | 03/28/12 | 2nd Hourly Exam |
| Fri | 03/30/12 | Return \& Review 2nd Hourly Exam |
| Mon | 04/02/12 | Moore. et al.. Chanter 11 |
|  |  | Easter Recess |
| Wed | 04/11/12 | Lab 7 |
| Fri | 04/13/12 | Moore, et al., Chapter 13 |
| Fri | 04/20/12 | Lab 8 |
| Mon | 04/23/12 | Return Lab 8 |
| Wed | 04/25/12 | Review for Final Exam |
| Fri | 04/27/12 | Last Class |
| Mon | 04/30/12 | Section A |
|  |  | Section B |

## Course Policies:

Academic Honesty: The policy in the current Moravian College Student Handbook 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:
I. 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 to 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 (io) 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/ex56 and, in the case of schedule changes, on my office door; use the current version!
Computers: Log out of the network and close laptop, netbook, etc. lids except for assigned activities.
Confidentiality: The FERPA (1974) forbids posting grades or discussing them by email.
Course Content Policy: Ioolevel Courses

- Introduce ... basic vocabulary/concepts, methodologies, छ applications of discipline(s) relevant to the course.
- Explore the broad subject matter of a given field (generally a survey course).
- Encourage ... strategies/skills (छ tools) $\llbracket u s e d \rrbracket$ across disciplines. . . .
- Encourage critical thinking $\mathcal{E}$ advancing/acknowledging different ways of knowing.
- ... prepare students for ... 200 level courses in the discipline(s) relevant to the course
- Generally have no prerequisites

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 (GPA 2.7+), ask about independent study.
Grades: See the table on page 3 and the College Catalog.
Handouts: including this syllabus will be at p:/econ/brower/ei56 after distribution in class.
Learning and Other Disabilities: See Mrs. Laurie Roth (1510; Office of Learning Services for learning disabilities or $\mathrm{ADD} / \mathrm{ADHD}$ ) or Dr. Ronald Kline ( 1510 ; the Counseling Center) for all other disabilities before disclosing a disability and request accommodations under the ADA.

## 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 in advance. College-scheduled trips are the only travelexceptions.
- Unexpected extended absences: contact me and Mrs. Laurie Roth (i5io) 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/springi2syllabi.htm.
Table of Minimum Points per Grade:

| Points | Percent | Letter | GPts | Catalog Definition | Min Cum GPA for: |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1000 | 100.00\% | A | 4.00 | ... achievement of the highest caliber.... <br> Evidence of independent work and original thinking... |  |
| 933 | 93.33\% | A | 4.00 |  |  |
| 900 | 90.00\% | A- | 3.67 |  |  |
| 867 | 86.67\% | B+ | 3.33 | ... higher than average achievement. | 3.0 Honors Program <br> 2.7 Field \& Ind Study |
| 833 | 83.33\% | B | 3.00 |  |  |
| 800 | 80.00\% | B- | 2.67 |  |  |
| 767 | 76.67\% | C+ | 2.33 | ... reasonable... time, effort, and attention ... familiar ... with . content[,] ... methods of study... active partic'n... |  |
| 733 | 73.33\% | C | 2.00 |  |  |
| 700 | 70.00\% | C- | 1.67 |  | 2.0 Major, Graduation |
| 667 | 66.67\% | D+ | 1.33 | ... unsatisfactory..., below... standard... one or more important aspects falls below the average ... for graduation. |  |
| 633 | 63.33\% | D | 1.00 |  |  |
| 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.


## Notes:

1. "Walk Right In," The Rooftop Singers (1962), by Gus Cannon $\begin{aligned} & \text { § Hosie Woods was first recorded by }\end{aligned}$ 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 is Jan '09
2. The College's Academic Honesty Policy is on-line at: http://www.moravian.edu/studentLife/handbook/academic2.htm
3. The Collage's grade definitions is at: http://www.moravian.edu/assets/base/pdfs/catalog.pdf, p. 4748
4. The College's statement on independent and field study and its honors program is on-line at: http://www.moravian.edu/assets/base/pdfs/catalog.pdf, p. 39-40
Colophon: Goudy Bookletter igIr is an open source version of Frederic Goudy's Kennerley Oldstyle, a text / display / serif / vintage (olddstyle) / 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: " $\llbracket \mathrm{W}$ ]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 .

Quotation downloaded I8 August 20I0 from http://www.theleagueofmoveabletype.com/fonts/8-goudy-bookletter-19II

