

Economics 318: Econometrics

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We are drowning in information and starving for knowledge. -R. D. Roger

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Classroom	BBH 317 (section 1)	
Class Times	January 9, 2015 – April 27, 2015 MW 4:15 pm - 5:30 pm	
Exam Dates	Exam 1	Wednesday, February 11
	Exam 2	Wednesday, March 11
	Exam 3	Wednesday, April 22
Instructor	Richard Schwinn	
Contact Info.	r-schwinn@neiu.edu & (773) 442-5699	
Notable Dates	January 19	Martin Luther King, Jr.'s Birthday Holiday
	February 12	Lincoln's Birthday Holiday
	March 16-22	Spring Recess
Office	BBH 207	
Office Hours	MW	12:30 pm – 2:30 pm
Text	The text, Elia Kacapyr's <i>A Guide to Basic Econometric Techniques</i> (ISBN: 978-0765644770), is \$31.28 with free 2-day shipping on Amazon.com. The eText version offered by the publisher is unwieldy and not recommended.	
Webpage	http://neiuport.neiu.edu (follow the desire2learn link)	

POLICIES

Academic Integrity	This class will follow the NEIU policy on academic. A score of zero will be given for the entire assignment or exam in which academic dishonesty occurs. Any in-class behavior that directly disrupts the learning of another student is prohibited.					
Assessment	Assignments 25% A [100-90%]	+ Attendance + Exams + 10% B (90-80%]	+ Project + 45% C (80-70%]	-> Grade + 20% D (70-60%]	= 100% F (60-00]	
Assignments	(Max: 25%) Some assignments are due via the NEIU Desire2Learn website. See the attached handout for more information.					
Attendance	(Max: 10%) Attendance and participation are taken into account. Each student begins with the full 10%. If a student is not present when I call their name in class, I deduct 1% from their participation grade. Each student is allowed up to three class exemptions.					
Exams	(Max: 45%) There will be 3 non-cumulative exams worth 15% each for a total of 45% of your final grade.					
Extra Credit	Extra credit in the form of “bonus points”, for participation in discussions and solutions to in-class problems and team challenges, will be offered generously throughout every lecture. Each bonus point is 0.1% of your final grade. Bonus points earned via regular participation may increase one’s grade by as much as a full letter grade.					
Objectives	<p>Using ordinary least squares, regression and its extensions, students will, by the end of this course, learn to:</p> <ul style="list-style-type: none"> ▪ Specify economic models ▪ Measure variables ▪ Estimate economic relationships ▪ Test economic hypotheses and ▪ Diagnose and treat issues of multicollinearity, endogeneity, and heteroskedasticity. 					
Project	(Max: 20%) Each student will gather data and perform a pre-defined set of statistical tests on the data. See handout for further information.					

PROPOSED SCHEDULE

<i>Days</i>	<i>Dates</i>	<i>Topics and Events</i>
Monday	1/5/15	1. The Nature of Econometrics (9 pages)
Wednesday	1/7/15	
Monday	1/12/15	1. The Nature of Econometrics (9 pages)
Wednesday	1/14/15	
Monday	1/19/15	2. Simple Regression Analysis (15 pages)
Wednesday	1/21/15	
Monday	1/26/15	3. Residual Statistics (8 pages)
Wednesday	1/28/15	
Monday	2/2/15	4. Hypothesis Testing (13 pages)
Wednesday	2/4/15	
Monday	2/9/15	5. Multiple Regression (16 pages)
Wednesday	2/11/15	<i>Exam 1</i>
Monday	2/16/15	5. Multiple Regression (16 pages) & 6. Alternate Functional Forms (15 pages)
Wednesday	2/18/15	
Monday	2/23/15	6. Alternate Functional Forms (continued)
Wednesday	2/25/15	
Monday	3/2/15	7. Dichotomous Variables (16 pages)
Wednesday	3/4/15	
Monday	3/9/15	8. Properties of Ordinary Least Squares Estimators (10 pages) & <i>Exam 2</i>
Wednesday	3/11/15	
Monday	3/16/15	<i>Spring Recess</i>
Wednesday	3/18/15	
Monday	3/23/15	9. Multicollinearity (9 pages)
Wednesday	3/25/15	
Monday	3/30/15	10 Heteroskedasticity (11 pages)
Wednesday	4/1/15	
Monday	4/6/15	11. Serial Correlation (14 pages)
Wednesday	4/8/15	
Monday	4/13/15	13. Forecasting with Regression Models (17 pages)
Wednesday	4/15/15	
Monday	4/20/15	<i>Exam 3</i>
Wednesday	4/22/15	
Monday	4/27/15	Submit Final Project

DESIRE2LEARN

Access This course requires regular access to the Desire2Learn (D2L) course website (<https://neiu.desire2learn.com/>). For a quick introduction to using D2L, please visit: http://homepages.neiu.edu/~ctl/D2L_students.html.

Assignments Your assignments are found by

- signing into D2L at <https://neiu.desire2learn.com/>;
- then selecting our course from the top menu bar;
- and finally selecting *Assessments* -> *Quizzes* from the second menu bar, as shown in the screen capture below:



Files Files for the course are found in the *Course News* section of the *Course Home* page as seen in the capture below:



Files (cont.) If you do not see any files, you may have dismissed the news item with the course files. Click on *Course News* to restore news items as shown:

News

[New Item](#) [More Actions ▾](#)

Search For: [Show Search Options](#)

☐ Delete

Title	
<input type="checkbox"/> Great Resource for Optional Assignment ▾	(dismissed)
This book: http://www.stat.cmu.edu/~cshalizi/ADAfaEPo Is a great resource for the optional assignment.	
<div>Edit Restore Delete</div>	

Submitting Submit your papers using the D2L course Dropbox by selecting *Assessments -> Dropbox* as shown below:

Course Home **Assessments ▾** Communication ▾ Resources ▾ Edit Course ePortfolio Admin Tools

Dropbox
Grades
Quizzes
Rubrics
Self Assessments
Surveys
Attendance

Dropbox Folders

[New Folder](#) [More Actions ▾](#)

☐ Bulk Edit

Folder	Total Files	Unread Files	Flagged Files	Due Date
No Category				
<input type="checkbox"/> Report One: Powerband Bracelet Co. DRAFT ▾	7	0	0	Oct 1, 2014 1 PM
<input type="checkbox"/> Report One: Powerband Bracelet Co. FINAL ▾	10	0	0	Oct 1, 2014 1 PM
<input type="checkbox"/> Report Two: Gender Paradox DRAFT ▾	3	0	0	Nov 1, 2014 1 PM

I, _____, have read and understand the format of this course and the policies described in the syllabus. I acknowledge that failure to comply with the terms of the syllabus may affect my success in this class.

Course: _____

Print Name: _____

Signature: _____

Date: _____