# **ECON 120B -- SYLLABUS (FALL 2017)**

Foster, UCSD, October 17, 2017

Teaching Staff and Consultation Hours					
Name/Position	Times	Room	Contact Info		
Carroll B. Foster	MWF	CENTER	cfoster@ ucsd.edu		
(PhD/Lecturer)	11-11:30 am <sup>1</sup>	HALL			
Peicong Keri Hu	See		p5hu@ ucsd.edu		
Eul Noh	PSET	ECON 300	e1noh@ ucsd.edu		
Baihui Tony Mao [U]	Schedule		bmao@ ucsd.edu		
Yifei Lyu	See PSET	ECON 300	ylv@ ucsd.edu		
Patrick Bloom	Schedule	ECON 300	pbloom@ ucsd.edu		
Bei Luo [R]	na	na	b7luo@ ucsd.edu		
Haitian Xie [R]	na	na	hax082@ ucsd.edu		
Dongchen Zhao (PSET)	PSET Schedule	ECON 300	Doz020@ ucsd.edu		

#### **Course Information**

Course Title: ECONOMETRICS B

• Lecture: A00 MWF, 9-10 am CENTER HALL 216 [n=146] B00 MWF, 10-11 am CENTER HALL 216 [n=146]

• Problem/discussion sections:<sup>2</sup>

A01 [914042] -- T, 7-8<sup>30</sup> pm WLH 2204 B01 [914045] -- Th, 7-8<sup>30</sup> pm WLH 2204 A02 [914043] B02 [914046]

- Description: Continuation of statistical inference (estimation and hypothesis testing); theory and use of correlation and regression analysis. Homeworks use STATA program.
- Prerequisites: Econ 120A, or Math 180A, 183, or 186, or ECE 109.

## Books, Webpage, and Materials

• Wonnacott × 2, *Intro. Statistics for Bus. and Econ.*, 4<sup>th</sup> ed. [from Ec 120A]

• Stock & Watson, *Intro to Econometrics*, 2<sup>nd</sup> ed. (or Custom ed.), Pearson [bookstore]

• Lecture notes with practice problems, homework assignments, syllabus and stat/probability tables at course webpage: <a href="http://TritonEd.ucsd.edu">http://TritonEd.ucsd.edu</a>

Course Outline & Reading List		WW	SW
Top 7	ESTIMATION	Ch. 7-8	none
Top 8	HYPOTHESIS TESTING	Ch. 9	Ch. 1-2
Top 9	MULTIPLE POPULATIONS	Ch. 10	Ch. 3
Top 10	INTRO CORRELATION & REGRESSION	Ch. 11, 15	Ch. 4
Top 11	SIMPLE OLS REGRESSION	Ch. 12	Ch. 5
Top 12	MULTIPLE REGRESSION	Ch. 13-14	Ch. 6-7
Top 17	NONPARAMETRIC STATISTICS	none	none

 $^{1}$  I will be down fairly close to the coffee cart, possibly on a bench on the back lawn if it is sunny. I can stay longer than  $11^{30}$  if students are present.

<sup>&</sup>lt;sup>2</sup> You may go to either discussion section or either lecture as long as seats are available, but you must take your exams with your own class. The discussions on Tuesday and Thursday will begin at 7 pm and end when no students remain. There are no separate 8-9 pm discussions, although you should remain enrolled in them.

#### Calendar

- Holidays: Friday, 10 NOV (Veterans Day); Thursday-Friday, 23-24 NOV (Thanksgiving)
- Homework due dates: Friday, 20 OCT; Wednesday, 29 NOV. Bring to ME in CLASS!
- Midterm: Wednesday, 8 NOV, in class
- Final:

A00: Wednesday 13 DEC, 8-11 am, in CENTER HALL 216 B00: Friday 15 DEC, 8-11 am, in CENTER HALL 216

# **Examinations and Grading**

- Exams are open notes/closed book. That is, you may use my TRITONED lectures notes (on paper), and you may write on them. You may NOT consult old exams or Econ Tutor stuff during the exams. Bring stat tables from TRITONED, and a working calculator (any kind).
- Homework = 5 points (adjusted); midterm = 40 points; cumulative final = 80.
- If you arrive late to an exam, I will allow you to take the exam in the time that remains *as long as no one has turned in an exam and left the room*. Once a paper has been turned in, it's too late.
- No late homeworks. No rescheduled or make-up exams. You MUST take the final with the rest of the class on schedule during finals week. Make your travel plans accordingly.

#### **About Cheating**

- 1. There is a LOT of it at UCSD. Honest students are put at a disadvantage by cheating students, and I hate that. Hence, my exam and scoring rules and restrictions.
- 2. I give multiple versions of tests. If I suspect that your answer on an exam has been copied from another student's paper, I give you the negative of the question's value. In severe cases of violations of academic integrity, I withhold your score and send your paper to AIC for resolution. AIC will contact you and tell you your options.
- 3. If AIC finds you guilty, your college will impose penalties, and I give you an F in the course.

## The New PSET Tutoring Lab

The Economics Department is making a problem solving and tutoring center available to all students in econometrics (120ABC) on certain evenings and on weekends. (Specific hours for PSET will be posted on the Department web page). The ability to apply the concepts from class to solve problems is the most important skill we want you master in our core classes. PSET is designed to help you learn to tackle problems successfully by having grad and undergrad TAs there to help you think through a problem right when you get stuck.

If you struggle to tackle your homework, we believe that PSET will be an efficient and effective way for you to learn how to think like an economist.

The PSET sessions are in ECON 300, certain afternoons or evenings, plus weekends. Exact times will be posted at the Econ Dept. website.