Introduction to Econometrics - Economics 113

Professor Alan Spearot

UC Santa Cruz

Overview

This course is an introduction to applying statistical techniques to economic issues. The course will cover practical methods for organizing and analyzing economic data, testing economic hypotheses, and measuring economic relationships. Regression analysis is the main empirical method, and basic statistical and probability theory is included.

I understand that this description may make the course sound difficult, or maybe even boring. It is my job to prove to you that econometrics is (1) accessible and (2) interesting and useful.

Grading and Expectations

The schedule and grading of the course is as follows:

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<tr>
<td>20</td>
<td>TBA</td>
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<tr>
<td>20</td>
<td>Thursday, October 6th</td>
<td>In-class</td>
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<tr>
<td>20</td>
<td>Tuesday, October 25th</td>
<td>In-class</td>
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<td>20</td>
<td>Tuesday, November 15th</td>
<td>In-class</td>
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<td>20</td>
<td>Monday, December 5</td>
<td>4-7PM</td>
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There will be four exams, the first three occurring during class, and the last exam during the final exam period. If you must miss an exam for any reason, flu or otherwise, the weight of that exam will be placed on the remaining exams. You must notify me ahead of time via email if you plan to miss an exam. If you don’t, you will be given a zero for that exam. If you miss the last exam, do not expect a make-up until the Winter quarter, and most likely with a different professor.

The class will use a computer program called R to gain practical experience in econometrics. The program is available for free on the internet at www.r-project.org, and should be downloaded to your computer. If you do not own a computer, R is available in most computer labs on campus.

TAs

We have four outstanding TAs to guide you through the details of the course and its material. The TAs will work through problems different from class, and treat section-specific problems as they come up. The TAs are Linh Bun(lbun@ucsc.edu), Quincy Chen (kchen24@ucsc.edu), and Sean Tanoos (stanoos@ucsc.edu). Details regarding their office hours and sections will be listed on the course website.

Cheating

I will not tolerate cheating. Don’t try. If you are caught, you will fail the course and be reported for academic misconduct. Possible penalties include expulsion. This happened two years ago in my class.

Book

The book for the course will be "Introductory Econometrics" by Jeffrey Wooldridge. It is available at Bay Tree, and any of the online outlets (Amazon, for example). It is fairly expensive, and will be used mostly
for reference. However, it is a very useful resource, especially if you hope to work in a field that uses any sort of data analysis. Used copies are fine, and the 3rd edition or above should be sufficient. Also, avoid getting the international edition, since it is different.

Lectures will cover everything. Exam and homework material will be based on lectures.

**Office Hours, Web page, and Final Thoughts**

My office hours will be 10:00-11:00 AM and 1:00-2:00 PM on Thursdays. My office is 459, Engineering 2. My email is aspearot@ucsc.edu. The course website is available at http://people.ucsc.edu/~aspearot.

Finally, relax and enjoy the class. If you have any questions or concerns, do not hesitate to bring them up. This course is for you to learn more than it is for me to teach. If it is not working for you, let me know, and I’ll make every effort to make things better.

**MSI**

There are supplemental office hours available through the MSI program. Details are forthcoming.