Econ 410
Introductory Econometrics

Instructor: Xiaoxia Shi E-mail: xshi@ssc.wisc.edu

TAs: Daniel McLeod (dpmcleod@wisc.edu), Jangsu Yoon (jangsu.yoon@wisc.edu)

Class Webpage: This term we will be using Piazza for class discussion. The system is highly catered to getting you help fast and efficiently from classmates, the TA, and myself. Rather than emailing questions to the teaching staff, I encourage you to post your questions on Piazza. Questions you send via email will be posted and answered on and *only* on Piazza, unless they are of personal nature. If you have any problems with Piazza or feedback for the developers, email team@piazza.com.
Find our class page at: https://piazza.com/wisc/fall2016/econ410/home

Lectures: MW 02:30 PM – 03:45PM, Soils 270
Lab sessions:
    Jangsu Yoon::
        Dis 301: F 8:50-9:40am, SS 4308
        Dis 302: F 9:55-10:45am, Ingraham 115
    Daniel McLeod:
        Dis 303: F 11:00-11:50am, SS 6228
        Dis 304: F 12:05-12:55pm, SS6101

Instructor office hours: W 3:50-4:50pm, Th 11am-12pm SS 6428

TA office hours: TBD

Textbook:
Required Text: Wooldridge, Jeffrey M., Introductory Econometrics: A Modern Approach, South-Western College Publishing, 6th edition.

The MindTap version, though not required, is recommended, as you have access to additional online materials with a MindTap account.

Registration URL for MindTap: https://login.cengagebrain.com/course/MTPP-CPJP-JXP1

Course Overview
The purpose of this course is to help students understand how to analyze and interpret economic

data. It will focus on the issues that arise in using this type of data, and the methodology for solving these problems. The focus of the course is on regression analysis. Specific topics and extensions will include multivariate regression, dummy variables (including limited dependent variables), heteroskedasticity, time series and panel data. Problem sets will provide practical experience in addressing some of these issues using actual economic data.

I will follow the textbook closely. Chapters 1-8 and 15 and selected material in Chapter 10-14 will be covered.

STATA:

The computer program STATA will be used extensively in the course. One reasonably good introduction is http://data.princeton.edu/stata/. A video introduction is available on course page in MindTap. Daniel and Jangsu will help you during the lab sessions. People working in the computer lab could be knowledgeable about STATA, too. BUT do not expect anyone to give you command by command instruction to your problem sets before they are turned in.

Requirements:
1. 5 of 6 problem sets (30%). That means you may miss one no questions asked. If you do all six, I will take the best five.
2. Two mid-term exams, each 20%.
3. Final exam (30%).

Key Dates:
1. Problem Sets will go out about every other week, and you will have about two weeks to do them. Problem sets are due before class time of the due date. NO late problem sets are accepted. If you choose to hand in late anyways, a 50% discount is applied for each day after the due date. The number of days is rounded upward, e.g. 1 day and 1 hour is rounded up to 2 days.
2. The mid-terms are scheduled at class time on **Oct. 10** (M) and **Nov. 14** (M) in classrooms TBD.
3. The final exam is scheduled at 12:25pm-2:25pm**, 12/23/2016** (Location TBA)
4. Students are responsible for announcements made in class, on Piazza, or via E-mail.
5. As a general rule, I do not give make up exams. However, if there are exceptional circumstances that make it impossible for you to take an exam at the scheduled time you should contact me at the earliest opportunity **before** the exam.

GRIEVANCE PROCEDURE

The Department of Economics has developed a grievance procedure through which you may register comments or complaints about a course, an instructor, or a teaching assistant. The Department continues to provide a course evaluation each semester in every class. If you wish to make anonymous complaints to an instructor or teaching assistant, the appropriate vehicle is the course evaluation. If you have a disagreement with an instructor or a teaching assistant, we strongly encourage you to try to resolve the dispute with him or her directly. The grievance procedure is designed for situations where neither of these channels is appropriate. If you wish to file a grievance, you should go to room 7238 Social Science and request a Course Comment Sheet. When completing the comment sheet, you will need to provide a detailed statement that describes what aspects of the course you find unsatisfactory. You will need to sign the sheet and provide your student identi.cation number, your address, and a phone where you can be reached. The Department plans to investigate comments fully and will respond in writing to complaints. Your name, address, phone number, and student ID number will not be revealed to the instructor or teaching assistant involved and will be treated as con.dential. The Department needs this information, because it may become necessary for a commenting student to have a meeting with the department chair or a

nominee to gather additional information. A name and address are necessary for providing a written response.

Reading List (Roughly in the order that will be discussed through the semester):

Chapter 1 Econometrics Questions and Data
Appendix B Math and Stat Review
Chapter 2
Chapter 3.1-3.5
Chapter 4.1, 4.3
Chapter 5
Chapter 7.1-5
Chapter 17.1, 8.1
Chapter 8
Chapter 9.1-2, 9.4, 15.1-2
Chapter 16
Chapter 13
Chapter 18