Economics 7022: Econometrics  
Fall 2014  

Professor : Dr. Levent Kutlu  
TA : TBA  
Office hours: TBA  
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IMPORTANT NOTE: Carefully read the syllabus, course notes, and reference materials for answers to your questions before asking me questions about them. If you still have questions you can ask them before/after the class or you are welcome to visit me during me office hours. Throughout the semester, no student is allowed to ask a personal negotiation on grade; I will neither reply to such emails nor talk about it in any way. Finally, the syllabus is subject to change as the semester progresses if I believe that this will enhance student learning and the overall quality of the course. 

Textbook and Course Materials  
We will be using the recommended books for the regression and hypothesis testing part mostly. The remaining parts will be my own lecture notes and the required book.  
Required: Statistical Inference 2nd edition by Casella and Berger  
Recommended: Econometric Analysis 7th edition by Greene (Last version).  

T-Square  
I will use t-square (www.t-square.gatech.edu/portal) to post announcements, distribute class notes and readings, practice quizzes, etc. You need to have a GaTech email account to use T-square. Please verify that you can log on to T-Square and access the information for this class.  

Grading  
Homework  30 points  
Midterm  30 points  
Final  40 points  

Exams  
Students are required to take one midterm exam. Please inform me as soon as possible if you have a schedule conflict on the exam date for the midterm. Acceptable reasons for missing an exam are: a serious illness or absence due to Georgia Tech business. You have to present a valid proof for any such claim. There will be no makeup exam for the midterm even for excused situations; if you miss the midterm for a valid medical reason (and bring a doctor’s note), then the final exam will worth 70 points. Please do not ask me to change this rule. If you miss a test for any other reason than specified above, the missed test will be counted as zero (This includes any kind of family emergencies). Students can submit group homework (max 2 students/depending on the size of the class this can be 3). You are encouraged to team up with your friends.  

The dates for the midterm and the final are as follows (subject to change):  

Midterm: 10-08-2014  
Final Exam: TBA (according to GT final exam schedule)  
During exams students may NOT use a calculator.  

Homework assignments  
All assignments will have a firm due date. You can work on the assignment any time before the due date has passed. Once the due date has passed, the grade will be recorded and it will not be possible to change your answers or complete the assignment at this point. In other words, assignments must be completed by the due date. No excuses are allowed. So even if you were sick or you had Georgia Tech business you have to submit the homework on time. These assignments are posted in advance. Do them early to avoid any emergencies preventing your completion before the due date. You are allowed work (only) with your classmates for the homework assignments. You can submit group homework.
Participation and Attendance
Your success in the course will depend on your class participation and fulfillment of out of class readings and assignments.

Class Conduct
Please turn off all pagers, music players, cell phones, and laptops during class. If you must leave early or arrive late, please sit in one of the two back rows in order to avoid inconveniencing others. If you are found listening to music, watching a movie, playing a videogame or any such activity that may distract other students you will be asked to leave the class. For every two times you were asked to leave the class during the semester, your grade will be lowered to the next grade level, for example, from an A to a B level.

Tentative Course Outline
The following is a rough course outline. The timing and material we cover is subject to change.

1) Probability Theory
2) Expectation
3) Sampling
4) Asymptotic Results
5) Main Families of Probability Distributions Studied in Economics
6) Linear Regression Analysis
7) Hypothesis Testing

Special Accommodations
Students requesting academic accommodations based on a documented disability are required to register with the Access Disabled Assistance Program for Tech Students (ADAPTS). Please obtain a form from the ADAPTS office and turn it in to me during my office hours in the beginning of the semester.

The ADAPTS Office is located in the Smithgall Student Services Building, Suite 220. The phone number is 404-894-2563 (V). http://www.adapts.gatech.edu/index.html

Academic Integrity
You are encouraged to work together with other students on the homework. Exams are taken individually, without any help from other students or any resources. Each student is expected to maintain academic integrity and to report violations to me or to the office of the Dean of Students.