(Norlin M350). Note that the Econ building is closed on weekend but remains open until 9pm on weekdays. The library lab is open some hours on the weekend with details on the OIT website. Those who are interested in purchasing a personal copy can go through the University's GradPlan website in order to receive a substantial discount (starting at $125). Among the di erent versions that are available, Stata/IC is su cient for the requirement of this course.

Course Objectives:

At the completion of this course, you will be able to:

1. Be familiar with basic probability and statistical terms and models.
2. Conduct regression analysis on real-life data in a meaningful way.
3. Understand the power and the limits of regression analysis.
4. Construct hypothesis and use proper statistical testing to \accept"/reject the hypothesis.
5.

project. 1) Research proposal (due on Oct. 6) that provides the research question, data source and research design. We will have individual project meetings. Each group will have 15-20 minutes to discuss the research project with me using the research proposal as the basis. Failure to turn in the proposal or show up to the meeting will lead to a 15% penalty on the final project grade. During the final weeks in December, each group will give a 10-15 minutes presentation of your work. This will help you to gain feedback from me and your classmates so that you can improve your paper before submitting your final draft. The presentation counts for 35% of the final project grade. The final draft is due on Friday, Dec. 15 (Either electronic copy or hard copy in my office is accepted).

Additional Notes and Policies:

Academic Integrity

In addition to skills and knowledge, your University education also aims to teach students appropriate Ethical and Professional Standards of Conduct. Detailed policies can be found on the University website. All incidents of academic misconduct will be reported to the Honor Code Council. All work and ideas should be properly cited. Any type of plagiarism when discovered defaults to a failing grade in this course. The bottom line: When in doubt, DO WITHOUT !

Special Accommodations:

If you require special accommodation because of disability, please submit a letter from Disability Services in a timely manner (at least two weeks before the exams or other due dates). Disability Services determines accommodations based on documented disabilities. You may contact Disability Services at 303-492-8671 or b email at dsinfo@colorado.edu

If you have a temporary medical condition or injury, see Temporary Injuries for guidelines and discuss your needs with your professor.

Missed Exams

Make-up exams for the midterms will not be given. Midterm exam absences will only be excused for compelling circumstances (family emergencies or documented illness), in which case the other course material will be re-weighted. Students anticipating conflict with an exam due to religious observance or over-scheduling (3 or more exams on the same day) should bring these to my attention within the first 3 weeks of class.

Topics to be covered (tentative):

Intro & Review

- Unit 1: Introduction to quantitative economic researches (Ch. 1)
- Unit 2: Review of probability and statistics (Append. B & C)
- Unit 3: Con dence Interval & Hypothesis Testing (Append. C)
- Unit 4: Introduction to STATA
- Unit 5: Descriptive and graphic analysis with STATA

Regression Analysis

- Unit 6: Overview of regression analysis
- Unit 7: Ordinary least square (OLS) (Ch. 2)
- Unit 8: Simple regression model
- Unit 9: Multivariate regression model (Ch. 3)
- Unit 10: The classical OLS model assumptions (Ch. 2)
- Unit 11: Functional form speci cation
- Unit 14: Simple time series analysis (Ch. 10)
- Unit 15: Panel Data Method (Ch 13, 14)
- Unit 16: Limite333(to)bro Bahthod 8c1ro Bah