

**Economics 8838-001**

Spring 2014

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### **Tentative Course Outline:**

1. Review of Linear Models (Text: Chapter 4).  
OLS and WLS estimation.
2. M-Estimation (Text: Chapter 5).  
ML and NLS estimation.
3. Discrete and Limited Endogenous Variables - Part A (Text: Chapters 14 and 15).  
Probit and Logit models; multinomial models.
4. Discrete and Limited Endogenous Variables - Part B (Text: Chapter 16).  
Models for censored and selected samples.
5. Generalized Method of Moments (Text: Chapter 6).  
2SLS and GMM estimation.
6. Linear Panel Data Models (Text: Chapters 21 and 22).  
Fixed and random effects models.
7. Simulation-Based Methods (Text: Chapter 12).  
Maximum simulated likelihood estimation; Moment-based simulation estimation.

### **University Policies:**

University policies regarding classroom behavior are available at <http://www.colorado.edu/policies/classbehavior.html> and at [http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student\\_code](http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code)

Information regarding the University Honor Code is available at <http://www.colorado.edu/policies/honor.html> and at <http://www.colorado.edu/academics/honorcode>. The Honor Code Council can be contacted by email at [honor@colorado.edu](mailto:honor@colorado.edu) or by telephone at 303-725-2273.

University policies regarding disabilities are available at <http://www.colorado.edu/disabilityservices>. Disability Services can be contacted by telephone at 303-492-8671, or in person at Willard 322.

University policies regarding religious practice are available at [http://www.colorado.edu/policies/fac\\_relig.html](http://www.colorado.edu/policies/fac_relig.html).

University policies regarding Sexual Harassment and Amorous Relationships are available at <http://www.colorado.edu/odh/>. The Office of Discrimination and Harassment can be reached by telephone at 303-492-2127. The Office of Judicial Affairs can be reached at 303-492-5550.