Note: The first class will be September 5, rather than August 29. We will make up the class at a time agreeable to everyone.

Course Outline

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<th>Weeks</th>
<th>Topic</th>
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<tr>
<td>1 - 2</td>
<td>Review (Chapters 1 - 5)</td>
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<td>3 - 4</td>
<td>Violations of the basic assumptions: Generalized Least Squares (Chapter 6 and 7)</td>
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<td>5 - 8</td>
<td>Asymptotic Distribution Theory and Simultaneous Equations Models (Chapters 8 - 10)</td>
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Midterm Exam: November 5 or November 7

9 - 10 Unobservable variables and panel data models
   - Errors in variables
   - MIMIC model
   - Fixed and random effects
   - Instrumental variables

11 - 14 Discrete choice
   - Random utility models
   - Systems of Tobit and probit equations
     - ordered probit, other discrete choice models
     - such as logit and nested logit

15 Estimation in the real world

There will be a midterm and a final exam, and periodic problem sets. Students are expected to have familiarity with use of a personal computer and the econometric software package LIMDEP.