

**ECON 8206-Applied Econometrics**  
University of Minnesota, Fall, 2002 Session 2  
Lecture: TTh 11:15-12:30, Carlson 2-219

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Office Hours: Tuesday, 2:30-4:30

**Description** This course covers some of the central topics in microeconomics.

**Grading** Final Exam - 80%, Homework - 20%

**Topics and Readings** By week:

1. **(10/24) Discrete Choice Models**

- Greene, ch. 19.1-19.8
- McFadden (2001) "Economic Choices." *AER* 351-378.

2. **(10/29, 10/31) Discrete Choice Models, Extensions**

- Berry (1994) "Estimating Discrete-Choice Models of Product Differentiation." *RAND* 242-262.
- Small (1987) "A Discrete Choice Model for Ordered Alternatives." *ECTA* 409-425.
- Berry, Levinsohn, and Pakes (1995) "Automobile Prices in Market Equilibrium." *ECTA* 841-890.
- Goldberg (1995) "Product Differentiation and Oligopoly in International Markets: The Case of the U.S. Automobile Industry." *ECTA* 891-951.

3. **(11/5, 11/7) Truncation and Selection**

- Greene, ch. 20

4. **(11/12, 11/14) Panel Data Models**

- Greene, ch. 14

5. **(11/19, 11/21) Panel Data, Extensions**

- (guest lecture on 11/21)

- Olley and Pakes (1996) “The Dynamics of Productivity in the Telecommunications Equipment Industry.” *ECTA* 1263-1297.
6. **(11/26) Count Data Models**
- Greene, ch. 19.9
  - Hausman, Hall, and Griliches (1984) “Economic Models for Count Data with an Application to the Patents-R&D Relationship.” *ECTA* 909-938.
7. **(12/3, 12/5)**
8. **(12/10, 12/12) Dynamic Choice**
- Rust (1987) “Optimal Replacement of GMC Bus Engines: An Empirical Model of Harold Zurcher.” *ECTA* 999-1033.
  - Hendel and Nevo (2002) “Measuring the Implications of Sales and Consumer Stockpiling Behavior.” mimeo (posted on course web page).
9. **(12/17) Final Exam (10:30-12:30)**