Econ 672
First-Half Syllabus

I. Qualitative and censored dependent variable model
   A. Discrete dependent variable
      Linear probability model
      Probit model
      Logit model
   B. Limited dependent variable and non-random sample selection models
      Tobit model
      Non-random sample selection effects
      Heckman’s method
      Other methods
   C. Duration models: Waiting time or Hazard functions

II. Estimating Systems of Equations by OLS and GLS
   Multivariate Linear Model
   Seemingly unrelated regressions (SUR)
   Linear unobserved effects in panel data

III. Stochastic regressors and systems of regression equations
   A. General issues and identification in simultaneous equation models (SEM)
      Rank and order conditions
      Methods to achieve: normalization, identities, restrictions on coefficients and covariances
   B. Estimation
      Single equation: IV, 2SLS
      Systems of equations: 3SLS, FIML
   C. Testing—generally and for endogeneity/exogeneity
   D. Forecasting in SEM