Designed for students of superior ability and motivation, this course covers the same core material as E322 and substitutes for E322 as a prerequisite for other courses. The course gradually constructs general equilibrium models of the macro economy that emphasize modern, dynamic views of macroeconomics. This builds on the optimizing behavior that underlies intermediate microeconomics. We move beyond textbook analyses of monetary and fiscal policies to understand the economic challenges many countries face now and in coming decades. One-third of the course will focus on financial crises—their causes and effects. Abstract theories are tied concretely to economic data. Students are expected to be comfortable with mathematical notation and with interpreting and manipulating graphs and algebraic expressions. The course structure is based on the “flipped classroom:” students are expected to prepare materials before class; class time is spent solving problems, discussing the material, and applying the economic concepts. Lectures appear on videos that students watch outside of class—there are no conventional lectures during class time. Active class participation is essential.