University of Colorado Boulder  
Fall Semester, 1996  
Economics 8794-002  

Problems in Economic Growth

Class Meeting:

TR 9:30-10:45 am  
Chem 146

Instructor:

Thomas F. Rutherford  
492-5169, rutherford@colorado.edu  
Economics 10  
Office hours: Tuesday 1:30-2:30, Wednesday 10-12, Friday by appointment

Required Textbook:


Prerequisites: Graduate standing in Economics with mathematical maturity and an interest in developing a better understanding for endogenous growth models.

Workload:

Problem sets on a weekly basis. Active participation in seminars. Formal presentation of a relevant model from the literature.

Course Objectives

The purpose of this seminar is to permit graduate students who will use growth theory in their dissertations to develop a deeper understanding of the literature. We will closely follow the Barro-Sala-i-Martin textbook, Chapters 1-9. Students will do most of the problems from the text as part of the course. In addition, students will present one lecture during the term presenting results from a widely-cited paper in the growth literature.

A secondary objective of the seminar is to introduce students to numerical simulation methods for endogenous growth models based on nonlinear complementary formulations. Same familiarity with GAMS/MCP and GAMS/MPSGE would be helpful but is not required.