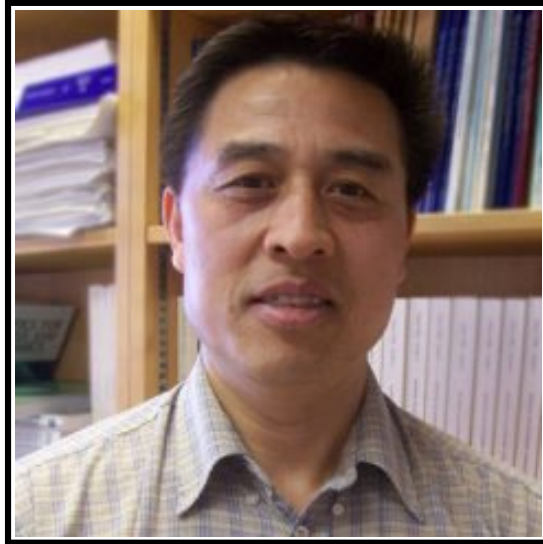


Elementary Mathematics for Economics I



Instructor: Professor Jiankang Zhang

The Economics department is pleased to welcome you to ECON 1401! In this course you will develop the foundational tools required to apply an economics-centered approach to elementary math concepts. The course is designed to help you become comfortable in using these concepts and understand their economic meaning and intuition.

By the end of this course, you will be able to understand and apply: functional forms and error terms. Graphing economic magnitudes: scatter diagrams, time-series graphs, functional relationships. Applied calculus: mechanics of differentiation and integration, elasticity, consumer/producer surplus. Applied algebra: solving systems of linear equations and Keynesian national-income analysis. Problem solving approaches.