

**Quantitative Methods in Macroeconomics and Policy Analysis**  
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**Course Outline**

A. Background

- Programming in FORTRAN and Matlab
- Basic numerical analysis

B. Methods for computing equilibria in near-linear economies

- Undetermined coefficients
- Mapping to a standard LQ problem
- A variant of Vaughan's method

C. Methods for estimating and evaluating theories

- Maximum likelihood estimation
- Structural vector autoregressions
- Business cycle accounting

**Related References**

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