(ECON- 727) Advanced Econometrics Techniques and Forecasting

The course focus is on the empirical application of econometric techniques to prediction in
economics. Topics such as basic regression, model building and specification, and hypothesis testing will be reviewed, followed by in-depth examination of various modern forecasting techniques used in economics. The course is aimed towards generating a comprehensive understanding of practical issues facing economists with the task of prediction and forecasting. Given the importance of the applied component of the course, substantial emphasis will also be placed on efficient and effective use of computational economic software.

Reference Books:

Diebold, Frank X.: Elements of Forecasting with Economic Applications Card and InfoTrac, 3rd Edition, South-Western College Publishing, 2004, ISBN 0-324-16382-7.
Granger, C.W.J.: Forecasting in Business and Economics, 2nd Edition, Academic Press, 1989,
ISBN 0-12-295181-6.