ECN318 Econometric Methods (2 Units)

Department of Economics

Covenant University
1. **ECN318**

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Definition and scope of econometrics; methodology of econometric research; simple and multiple regression analysis; statistical tests of significance; properties and assumptions of least squares estimators; violation of OLS assumptions causes, detection, consequences and correction. Elements of matrix algebra; further topics on multiple regression dummy variables, lagged dependent variables, proxy variables and non linear regressions; regression using matrices; techniques of macro econometric modelling; simultaneous equations models, review of major macro econometric models of the Nigerian economy. Application of time series models. Pre-requisite: ECO225 or CBS211).