EDS 305- Elements of Econometrics

Definition and subject matter of econometrics, model types and their forms. Parameter estimation of models, bivariate and multivariate, linear and non-linear. Models, their variances, covariance and correlation coefficients between the variable. Formulation of generalized linear regression models in independent variables and t-joint observation. Assumption of multicollinearity heteroskedasticity, autocorrelation, Non-stationary and co-integration causes, consequences, test and correction in models. Predictive power and significant tests of models.