

0403302 Engineering Economy

(3 Credit hours, Prerequisite -)

The aim of this subject is to provide the student with basic knowledge on the various economical theories that the engineer needs to implement during his/her career. The subject include the following topics: income formula, comparative studies of projects, policies adopted in replacing equipment and estimation of their working life, expiration of equipment, cost-benefit analysis, analysis of least cost and balance point, economical analysis in uncertainties.