

Industrial Management, Economics and Trade Law

The aim of the course:

To familiarize students with the concept of planning, organizing and management of production units.

The course covers several topics;

on production organization and different types of industrial institutions, decision making process, planning for production and maintenance, different methods to estimate costs of production and prediction of break-even point, capacity requirement planning, material requirement planning, ABC analysis and lean production, JIT fundamentals, and production planning.

Process design, based on cost estimation, capital and environmental impact assessment, design appraisal, investment attractiveness assessment, safety and human resource requirements, policies for profit distribution between shareholders, Taxes and depreciation calculations in different type of industries.

Trade law, types of incorporation, and legal requirements and obligations, different contracts and their legal and ethical requirements. Legal value and obligations on different commercial documents.

References;

Economics for Engineers, 3rd ed., Pearson Custom Pub., 2007.

W.M.Scarth, Economics, The essentials, 3rd ed., Hartcourt Canada, 2003.

