

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
EM 511	Introduction To Engineering Management	1	4	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	This course, which is an introduction to the Engineering Management program, aims to provide students/participants of the program with information about basic engineering principles. In this way, it is aimed to ensure that they manage and lead their projects and businesses effectively and efficiently in the institution or business they are involved in.
Content	Introduction to Engineering and Engineering Management and Basic Concepts, Historical development of management thought, principles and pioneers, Basic functions of management, Planning and estimation methods in planning, Control functions, Risk Management, Basic engineering calculations, Quality, Productivity, Performance Management.
References	

Theory Topics

Week	Weekly Contents
1	Project management
2	Forecasting
3	Product and service design
4	Total Quality Management, Statistical quality control
5	Location strategies
6	Supply chain management
7	Midterm
8	Marketing management and marketing mix
9	Decision-making approaches
10	Approaches to decision making under uncertainty
11	Stock management