

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
IND462	Facility Planning	8	3	0	0	3	4

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	<p>The aim is to give basic knowledge, concepts, and systematic analysis techniques of facilities planning. The students learn how to locate and design plant layout with the help of quantitative models and computer-aided techniques. The course will include</p> <ul style="list-style-type: none">• The evaluation of the most suitable plant layout and the systematic facilities planning techniques• The decision on how equipment, machinery, and people will be arranged to make the production process as efficient as possible.• The understanding of the factors affecting facility layout
Content	This course includes different quantitative techniques for the location of a new plant and for the design of the plant layout
References	<p>Tompkins, White, Bozer, , "Facilities planning", 4th edition, John Wiley & Sons, Inc, 2010</p> <p>Meyers,F., "Plant Layout and Material Handling", Prentice Hall,1993</p> <p>Meyers,F.,Stephens, M., "Manufacturing Facilities Design and Material Handling", 2th Edition, Prentice Hall,1993</p>

Theory Topics

Week	Weekly Contents
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