

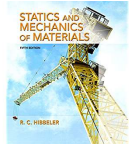
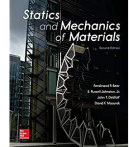
**STATICS
MIM 113E**

ATTENDANCE REQUIREMENTS : Fulfill the conditions required by regulation.

COURSE CONTENT:

General, Concept of Force, Concurrent Forces in a Plane, Parallel Forces in a Plane, Moment of a Force and Couple, General Case of Forces in a Plane, Loads, Supports and Reactions, Structural Systems, Centroids, Plane Trusses, Friction, Cables, Moment of Intertia.

LITERATURE (English and Turkish):

Authors	Title	Publish Date	Publisher	Cover
Hibbeler, R.C.	Statics and Mechanics of Materials	2016	Prentice Hall	
Beer, F.P., Johnston, R., Dewolf J.T., Mazurek D.	Statics and Mechanics of Materials	2016	McGraw-Hill	
Karataş, H., İşler, Ö.	Mühendislik Mekaniğinde Statik Problemleri	2003	Çağlayan	
Omurtag, M. H.	Mühendisler için Mekani, Statik ve Mukavemet	2010	Nobel	
Bakioğlu, M.	Statik-Mukavemet	2007	Beta	
Aköz, Y., Eratlı, N.	Çözümlü Statik-Mukavemet Problemleri	2005	Birsen	