



العدد :

التاريخ : / / ٢٠

Course number and name	ER107: Fundamentals of Mechanical Engineering (Static)
Credits and contact hours	3 credits and 3 hours
Course coordinator	
Textbook	
Course Information	a. Prerequisites: High school math and physics b. Required
Topics to be covered	–Introductions to Statics, Force Systems, Two-Dimensional Force Systems, Three-Dimensional Force Systems, Equilibrium, Equilibrium in Two Dimensions, Equilibrium in Three Dimensions, Structures, Truss, Frames, Distributed Forces, Special Topics, Centers of Mass and Centroids, Moment of Inertia, Friction.

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