

Faculty of Engineering - Cairo University

Civil Engineering - First year Students

Mechanics II - (2019/2020) Course Plan

Action Plan

Week No.	Date		Lecture	Section	Notes
	From	To			
1	9/22/2019	9/26/2019	Course Introduction - Velocity Relations	C.M. an M.O.I Sheet (P1 - P2)	
2	9/29/2019	10/3/2019	Velocity Relation - Instantaneous Center	C.M. an M.O.I Sheet (P3 - P4)	
3	10/6/2019	10/10/2019		Velocity Relations	
4	10/13/2019	10/17/2019	Acceleration Relation	Acceleration Relations	
5	10/20/2019	10/24/2019	Equations Of motion - Trans. Motion	First Quiz	(M.O.I + Kinematics)
6	10/27/2019	10/31/2019	Rotational motion	Translational motion	
7	11/3/2019	11/7/2019	General plan Motion	Rotational motion	
8	11/10/2019	11/14/2019	Mid Term Exam (Kinematics - Equations of Motion)		
9	11/17/2019	11/21/2019	work, K.E. and T-W Rule	W-T Application	
10	11/24/2019	11/27/2019	Conser Force, P.E., E, E-W Rule	W-E Application	
11	12/1/2019	12/4/2019	Vib. Introduction, Free Undamped	Second Quiz	(G.P.M + W & E)
12	12/8/2019	12/12/2019	Undamped Forced Vib.	Undamped Free and Forced Vibration	
13	12/15/2019	12/19/2019	Damped Free and Forced Vib.	damped Free and Forced Vibration	
14	12/22/2019		Lecture Exam		W & E + Vibration (Two Groups)
	12/29/2019	1/16/2020	Final Exams		