

Delivery Plan (Weekly Syllabus)

المنهاج الاسبوعي النظري لمادة : ميكانيك هندسي

	Material Covered
Week 1	Basic Concepts, Scalars and Vectors, Units Conversion.
Week 2	Two-Dimensional Force Systems-Rectangular Components
Week 3	Two-Dimensional Force Systems-Moment and Couple
Week 4	Two-Dimensional Force Systems-Resultant
Week 5	Three-Dimensional Force systems-Rectangular Components
Week 6	Three-Dimensional Force Systems-Moment and Couple
Week 7	Mid-term Exam.
Week 8	Three-Dimensional Force Systems-Resultant
Week 9	Two-Dimensional Equilibrium, F.B.D. , Equilibrium Conditions ...etc.
Week 10	Three-Dimensional Equilibrium, F.B.D. , Equilibrium Conditions ...etc.
Week 11	Structures, Plane Trusses, Method Of Joints
Week 12	Structures, Plane Trusses, Method Of Sections
Week 13	Structures, Space Trusses
Week 14	Structures, Frames and Machines
Week 15	Review
Week 16	Preparatory week before the final Exam