Module Name - Code Engineering mechanics-1 - 1106 Module Language: English Responsible: English Lecture (s): Dr. Zrar Sedeeq Othman and M. Shvan College: College of Engineering – Salahaddin University-Erbil Duration: 15 week – 1 semester Course outcomes: After learning this course, the student should have the ability to: 1. Solve for the resultants of any force systems. 2. Determine equivalent force systems. 3. Solve the problems associated with the equilibrium of particles and the equilibrium of bodies. 4- Analyze the simple trusses. Course Content: Week Lecture 11* Introduction and fundamental concepts, and Composition and Resolution of fore 2 nd 2 nd Resultant of Force system. 4 th Non-Concurrent, Non-oplanar Force System 3 nd Concurrent, Non-oplanar Force System 4 th Non-Concurrent System 4 th Non-Concurrent, Non-oplanar Force System 10 th Equilibrium of Particle-1 10 th Equilibrium of rigid bodies-1 11 th Equilibrium of rigid bodies-1 11 th Equilibrium of rigid bodies-1 12 th Equilibrium of rigid bodies-1				
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Credit point: 5 Crede Distribution: The Crede is generated from the exemination result(s) with the following				
Grade Distribution: The Grade is generated from the examination result(s) with the following 10% activity				
10% quizzes				
20% mid-term exam				
60% final Exam				
Work load:The workload is 135 hrs. It is the result of 60 hrs. attendance and 75 hrs. self-studies.				