

Faculty of Engineering & Technology**Mechanical Design 2****Information :****Course Code :** MEC363**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Mechatronics Engineering**Instructor Information :**

Title	Name	Office hours
Lecturer	Mohamed Ahmed Mahmoud Abdelwahab	1
Teaching Assistant	Nouran Wael Moustafa Fouad Elbalkimy	

Description :

Design of Mechanical Elements: Gears (spur, helical, bevel and worm gears). Clutches, Brakes, Couplings, Flywheels. Design of Flexible Mechanical Elements (Belts, Chains, Flexible shafts). Power transmission, Application of CAD and Solid Works is illustrated and encouraged. Group Design project on Power transmission using Solid Works.