

**Faculty of Engineering & Technology****Mechanical Design (2)****Information :****Course Code :** MAN 441**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Department of Mechanical Engineering**Instructor Information :**

Title	Name	Office hours
Lecturer	Mohamed Ahmed Mahmoud Abdelwahab	
Teaching Assistant	Christopher Nashaat Najib Benjamin	

**Description :**

Introduction to design concepts, Constructional details as affected by manufacturing, assembly, and strength considerations, Engineering materials, Design for steady and cyclic loading, and for rigidity and stability, Rigid and elastic connections, Bolts, rivets and welds, Design of shafts, springs and couplings, Use of interactive computer programs for problem solving is illustrated and encouraged, Design projects.