

Faculty of Engineering & Technology**Civil Engineering Drawing 1****Information :****Course Code :** SCM 231**Level :** Undergraduate**Course Hours :** 2.00- Hours**Department :** Department of Structural Engineering & Construction Management**Instructor Information :**

Title	Name	Office hours
Associate Professor	Yasser Mohamed Sadek Abdel Aziz El Saie	7
Teaching Assistant	Mahmoud Abu Ouf Alashri Abdelrahman	
Teaching Assistant	Mohamed Taher Abd El hamed Mohamed Youssef	2
Teaching Assistant	Mohamed Yahia Mohamed Abdelkader	
Teaching Assistant	Noura Khedr Abdul raheem Ahmed	3
Teaching Assistant	Nada Mohamed Abd El Hamid Ali Mohamed	2

Description :

Introduction: characteristics of civil engineering projects, legend, scales and sizes of drawings, types of projections, views, cross sections and details, Earthwork drawings: geometric surfaces, hatching, use of contour lines for irregular surfaces, applications related to canals, drains, roadways, earth reservoirs, landscape, Retaining walls and floors: shaping, projection, hatching, typical cross sections, Applications on drawing complete structures: half-earth-removed views, pitching and protection works.