

Faculty of Engineering & Technology

Engineers and the Environment

Information :

Course Code : SCM 233

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Department of Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Lecturer	Aya Hanfay Reda Hanfy Mohamed	1

Description :

Overview: ecosystem and its balance, unbalance and restoration.

Water: water resources and its balance, Water quality, Types of pollution, and its sources, Basis of pollution control.

Air: composition of air, air pollution, sources of air pollution, air quality monitoring and measurements, air pollution control.

Noise: noise pollution, characteristics of noise and acoustic environment, sources of noise pollution, noise monitoring and measurements, effects of noise, noise control.

Vision: vision pollution.

Solid and hazardous wastes: sources, handling, and its management, recycle and reuse.

Environmental impact assessment (EIA): environmental awareness, environmental protection acts.