

**Faculty of Engineering & Technology**

**Structural Mechanics 2**

**Information :**

**Course Code :** SCM314

**Level :** Undergraduate

**Course Hours :** 2.00- Hours

**Department :** Structural Engineering & Construction Management

**Description :**

Determination of deformations: Differential equations, double integration method, conjugate beam method, virtual work method. Analysis of statically indeterminate structures: method of consistent deformations, three moment equation method, method of moment distribution (with & without sway).