Faculty of Engineering & Technology

Highway and Airport Engineering

Information :

Course Code :	SCM492	**Level** :	Undergraduate	**Course Hours :**	3.00- Hours

Department :	Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Lecturer	Ahmed Mohamed Abdel Moniem Mohamed Soliman	
Teaching Assistant	Ahmed Taher Abdelhamed Mohamed Yousef	

Description :

Introduction to highway and airport planning, Classification of highways, Design controls and criteria, Design of elements in the longitudinal direction, Design of cross sections, Design of At-Grade intersections, Grade separations and interchanges, Types of pavements, Calculation of stresses in flexible and rigid pavements, Types and characteristics of paving materials and mixtures, Equivalent axel loads, Design of flexible and rigid pavement, Introduction to pavement Repair..

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