

Faculty of Engineering & Technology

Introduction to Robotics

Information :

Course Code :	EED423	Level	:	Undergraduate	Course Hours :	2.00- Hours		
Department : Computer & Intelligent Systems Engineering								
Instructor Information :								
Title		Name				Office hours		

The	Name	Office hours
Lecturer	MOHAMED ABDELBAR SHAMSELDIN ALY	
Teaching Assistant	Alaa Mostafa Arafa Afify Lashin	

Description :

Robotics overview and applications. Homogeneous vector and plane. Homogeneous transformation. Position and orientation transformations. Kinematics and inverse kinematic solutions of robot manipulators and mobile robot. Robot programming using standard S/W robotics tools (MATEXP.) Implementation the right industrial robotics system for a plant.