

Faculty of Computers and Information Technology

Robotics

Information :

Course Code : DM456

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Digital Media Technology

Instructor Information :

Title	Name	Office hours
Lecturer	Osama Mohamed Abdelsalam Ahmed El komy	1
Teaching Assistant	Mahmoud Magdy Mohamed Abdo	

ABET Course outcomes :

1 -	Demonstrate adequate understanding of robotics overview and applications
2 -	Identify homogeneous vector and plane, different transformations (homogenous, position and orientation)
3 -	Identify kinematics and inverse kinematic solutions of robot manipulators and mobile robot
4 -	Design and compile robot programs using standard software robotics tools