

Introduction to Mobile Robotics

Course Code:

ME 453

Course Type:

Area Elective

Credits:

3

Theoric:

3

Practice:

0

Laboratory Hour:

0

ECTS:

5

Prerequisite Courses:

System Dynamics and Control [1]

Course Language:

English

Course Content:

Hardware design, sensors and actuators. Mobile robot kinematics. Locomotion. Biomimetic robots. Robot perception. Robot control architectures. Motion planning.