Robotics & Internet-of-Things

ROS

UDEMY COURSE
ROBOT OPERATING SYSTEM
(PART II)
NAVIGATION AND SLAM

PROF. ANIS KOUBAA

Course Overview

OUTLINE

▸ **Section 1.** Frames

▸ **Section 2.** Transformations in ROS (tf package)

▸ **Section 2.** Reactive Navigation

▸ **Section 3.** Map-Based Navigation

▸ **Section 4.** Simultaneous Localization and Mapping

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Pre-Requisites

https://www.udemy.com/user/anis-koubaa/

PRE-REQUISITES

▸ Linear Algebra (Matrices)

▸ Geometry basics

▸ Trigonometry basics

▸ Python programming language

▸ Motivation to learn