COURSE DETAIL

INTRODUCTION TO INTERNET OF THINGS
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 137
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO INTERNET OF THINGS
UCEAP Transcript Title INTERNET OF THINGS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

The Internet of Things (IoT), where a large number of physical objects embedded with computing power and sensors connect to the network for seamless cooperation between the cyber domain and the physical world, is revolutionizing our lives. This course serves as an introduction to the IoT and provide a holistic view of the entire spectrum of the IoT system architecture from the devices to the fog and the cloud computing. The focus is on designing IoT systems that balance both the functional and non-functional (communication bandwidth, security, safety, power) requirements.

Language(s) of Instruction
English

Host Institution Course Number
CS3237

Host Institution Course Title
INTRODUCTION TO INTERNET OF THINGS

Host Institution Course Details
https://nusmods.com/modules/CS3237/introduction-to-internet-of-things

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2022-2023

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