

Tárgytematika / Course Description

Internet of Things

GKNM_TATA048

Tárgyfelelős neve /

Teacher's name: Drotár István

Félév / Semester: 2021/22/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 3/0/1

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

Purpose of Education:

Due to the dynamic development of IoT, more and more types and uses of IoT technologies are emerging that can be used by almost every industry in certain use-cases.

The aim of the course is to teach students the concept and basic operation of IoT and to gain knowledge about the structure, operation and applicability of the most common IoT technologies.

TANTÁRGY TARTALMA / DESCRIPTION

Course contents:

General IoT description, LoRaWAN, V2X, C-V2X, mobile communication technologies

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

Examination and evaluation system:

Grades can be obtained by submitting a paper about IoT technology, which complies with the requirements set at the beginning of the semester. Those who do not submit a paper can take an exam through the szelearning system at the end of the semester.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

The material of the lectures.