COURSE TITLE:	**IoT and WoT in applications**
Institute/Division:	Department of Automation and Computer Engineering Faculty of Electrical and Computer Engineering
Course code:	E-IWA
Erasmus subject code:	611 Computer use
Number of contact hours	45
Course duration:	1 semester (Spring/Summer)
ECTS credits:	6
Course description:	Course of IoT (Internet of Things) and WoT (Web of Things) in applications includes following topics: • IoT platforms (like Arduino), • Integration of sensors, • Wireless communication in IoT, • WoT platforms (like Raspberry PI), • Programming a complex IoT application; Laboratory exercises and individual project are aimed to deploy programming in IoT applications. Topics include issues of microcontrollers and computer networks.
Course type:	Lectures (20h), Laboratory (20h), Project (5h)
Literature:	Selected reviews from scientific literature.
Assessment method:	Project, laboratory exercises and tests.
Contact Person:	Paweł Król MSc, pawel.krol@pk.edu.pl