



COURSE TITLE:	Internet of Things (IoT) in applications
Institute/Division:	Department of Automation and Computer Engineering Faculty of Electrical and Computer Engineering
Course code:	E-IoT
Erasmus subject code:	611 Computer use
Number of contact hours	45
Course duration:	1 semester (Fall/Winter)
ECTS credits:	6
Course description:	<p>Course of IoT (Internet of Things) and WoT (Web of Things) in applications includes following topics:</p> <ul style="list-style-type: none">• IoT platforms (like Arduino),• Integration of sensors,• Wireless communication in IoT,• WoT platforms (like Raspberry PI),• Programming a complex IoT application <p>Laboratory exercises and individual project are aimed to deploy programming in IoT applications. Topics include issues of microcontrollers and computer networks.</p>
Course type:	Lectures (20h), Laboratory (20h), Project (5h)
Literature:	Selected reviews from scientific literature
Assessment method:	Project, laboratory exercises and tests
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