



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