COURSE TITLE:	**Machine Learninig**
Institute/Division:	Department of Automation and Computer Engineering Faculty of Electrical and Computer Engineering
Course code:	E-ML
Erasmus subject code:	0688 Information and Communication Technologies (ICTs), inter-disciplinary programmes
Number of contact hours	45
Course duration:	1 semester (Fall/Winter)
ECTS credits:	6
Course description:	The course presents the theory of machine learning of the system. The principles of learning with a teacher, without a teacher, and the theory of constructing machine learning algorithms will be described. The issues of system autonomy resulting from the learning process will be explained. The problems of automatic inference based on mega data and prediction will be presented.
Course type:	Lectures (20h), Laboratory (20h), Project (5h)
Literature:	Domingos, Pedro (September 22, 2015). The Master Algorithm: How the Quest for the Ultimate Learning Machine Will Remake Our World. Basic Books. ISBN 978-0465065707. Nilsson, Nils (1998). Artificial Intelligence: A New Synthesis. Morgan Kaufmann. ISBN 978-1-55860-467-4. Archived from the original on 26 July 2020. Retrieved 18 November 2019.
Assessment method:	Assessment of the development of the issue in the computer laboratory
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