



Course title	Elements of Artificial Intelligence
Institute/Division	Faculty of Computer Science and Mathematics/ Department of Computer Science
Course code	F-1.EAI
Erasmus subject code*	11.0, 11.1, 11.3
Number of contact hours**	45 lecture hours (45h)
Course duration	1 semester (Fall)
ECTS credits	6
Course description (max 100 words)	History of Artificial Intelligence; Definition; Intelligent agents; AI problem solving; Knowledge, reasoning, and planning; Uncertain knowledge and reasoning; Machine learning; Communicating, perceiving, and acting
Literature	Poole, D. L., & Mackworth, A. K. (2010). Artificial Intelligence: foundations of computational agents. Cambridge University Press. Available at: http://artint.info/html/ArtInt.html
Course type/organization	This course has one 1.5 hour long lecture each week, and one lab. Materials will be presented in a variety of formats to address different learning styles (e.g., lectures, slides, whiteboard calculations, exercises, textbook)
Assessment method	Attendance, evaluation of assignments, quiz, final exam
Prerequisites	
Primary target group	2-nd year computer science students
Contact person	dr Ilona Urbaniak
Remarks	Students are expected to complete all assigned readings and homework before class, and to be prepared to answer questions about these readings and homework.

*please insert one of the following codes:

11.0 Mathematics, Informatics

11.1 Mathematics

11.2 Statistics

11.3 Informatics, Computer Science

11.4 Artificial Intelligence

11.5 Actuarial Science

11.9 Others Mathematics, Informatics

**1 lecture hour=45 minutes