COURSE DETAIL

ARTIFICIAL INTELLIGENCE

Country
Netherlands

Host Institution
Maastricht University – University College Maastricht

Program(s)
University College Maastricht

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
120

UCEAP Course Suffix

UCEAP Official Title
ARTIFICIAL INTELLIGENCE

UCEAP Transcript Title
ARTIFICIAL INTEL

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course offers a study of artificial intelligence. The course focuses on topics including whether machines can think, and the metaphor of an "intelligent agent." These topics are explored through an examination of a number of state-of-the-art concepts, algorithms, and methods which enable computers, such as software and robots, to solve problems in a way which deserves to be called intelligent. Topics covered in this part are chosen from AI areas such as intelligent search and constraint satisfaction, architectures for intelligent agents, and coordination among intelligent agents. The course as a whole conveys basic aspects and facets of engineering (analyzing and designing) AI systems. The course requires that students have completed high school level mathematics as a prerequisite.

Language(s) of Instruction
English

Host Institution Course Number
SCI2036

Host Institution Course Title
ARTIFICIAL INTELLIGENCE

Host Institution Campus
University College Maastricht

Host Institution Faculty
University College Maastricht

Host Institution Degree

Host Institution Department
Science

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