COURSE DETAIL

ARTIFICIAL INTELLIGENCE
Country Germany
Host Institution CIEE, Berlin
Program(s) The Berlin Experience
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 111
UCEAP Course Suffix
UCEAP Official Title ARTIFICIAL INTELLIGENCE
UCEAP Transcript Title ARTIFICL INTELLIGNC
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course introduces key concepts and applications for the design of intelligent computer systems, or Artificial Intelligence (AI). Topics covered include heuristic search, game playing, logic, machine learning, deep learning,
natural language processing, robotics and image processing. Through interactive lectures, discussions, and assignments, students apply basic AI concepts and principles to develop modeling and analytical skills for problem-solving. Students create working programs that solve problems, reason logically, and/or improve their own performance. The class covers the history, different careers, and social/cultural impacts of AI as well. Finally, it prepares students to further explore and apply AI in research and application domains.

Language(s) of Instruction
English

Host Institution Course Number
CMPS 3002

Host Institution Course Title
ARTIFICIAL INTELLIGENCE

Host Institution Course Details
https://ciee.file.force.com/sfc/dist/version/download/?oid=00Di0000000ddow&ids=...

Host Institution Campus
CIEE Berlin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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