COURSE DETAIL

ROBOTICS AND AI: ETHICAL AND SOCIAL CHALLENGES OF EMERGING TECHNOLOGIES
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering Engineering
UCEAP Course Number 112
UCEAP Course Suffix
UCEAP Official Title Robotics and AI: Ethical and social challenges of emerging technologies
UCEAP Transcript Title ROBOTICS&AI:ETHICS
UCEAP Quarter Units 5.50
UCEAP Semester Units

3.70

Course Description

Students discuss key aspects of the ethical debates around robotics and artificial intelligence, focusing on the healthcare and medical sectors. The seminar includes an introduction to interdisciplinary methods of responsible technology design. Students work in interdisciplinary teams on proposals for responsible design, and they learn appropriate methods on the topics of scenario analysis, value assessment, and critical design thinking.

Language(s) of Instruction
English

Host Institution Course Number
3536 L 1003

Host Institution Course Title
Robotics and AI: Ethical and social challenges of emerging technologies

Host Institution Course Details
https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Werkzeugmaschinen und Fabrikbetrieb

Course Last Reviewed
2021-2022

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