COURSE DETAIL

INTRODUCTION TO ARTIFICIAL INTELLIGENCE
Country Australia
Host Institution University of Sydney
Program(s) University of Sydney
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 109
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO ARTIFICIAL INTELLIGENCE
UCEAP Transcript Title ARTIFICIAL INTELLIG
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
Artificial Intelligence (AI) is all about programming computers to perform tasks normally associated with intelligent behaviour. Classical AI programs have played games, proved theorems, discovered patterns in data, planned complex assembly sequences and so on. This course introduces representations, techniques, and architectures used to build intelligent systems. Students explore selected topics such as heuristic search, game playing, machine learning, neural networks, and probabilistic reasoning. Students learn some of the fundamental methods and algorithms of AI, and an appreciation of how they can be applied to interesting problems. The course involves a practical component in which some simple problems are solved using AI techniques.

Language(s) of Instruction
English

Host Institution Course Number
COMP3308

Host Institution Course Title
INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Host Institution Course Details
https://sydney.edu.au/courses/units-of-study/2018/comp/comp3308.html

Host Institution Campus
sydney

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2023-2024

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