COURSE DETAIL

ADVANCED TOPICS IN ARTIFICIAL INTELLIGENCE

Country
Singapore

Host Institution
National University of Singapore

Program(s)
National University of Singapore

UCEAP Course Level
Graduate

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
208

UCEAP Course Suffix

UCEAP Official Title
ADVANCED TOPICS IN ARTIFICIAL INTELLIGENCE

UCEAP Transcript Title
ADV TOPICS IN AI

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description
This course covers advanced topics in artificial intelligence that are of current research or application interests. A wide range of topics may be covered including soft computing (fuzzy logic, genetic algorithms, etc.), data mining, machine learning, image and video processing, artificial life, robotics, etc. The exact topics to be taught will depend on the lecturers teaching the module. Graduate Research Module, this semester with a focus on "Computer Vision for Self-Driving Cars". Paper presentations throughout the semester and a final capstone research project.

Language(s) of Instruction
English

Host Institution Course Number
CS6208

Host Institution Course Title
ADVANCED TOPICS IN ARTIFICIAL INTELLIGENCE

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

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