# COURSE DETAIL

## ARTIFICIAL INTELLIGENCE

**Country**
Australia

**Host Institution**
University of New South Wales

**Program(s)**
University of New South Wales

**UCEAP Course Level**
Upper Division

**UCEAP Subject Area(s)**
Computer Science

**UCEAP Course Number**
121

**UCEAP Course Suffix**

**UCEAP Official Title**
ARTIFICIAL INTELLIGENCE

**UCEAP Transcript Title**
ARTIFICIAL INTELLIG

**UCEAP Quarter Units**
6.00

**UCEAP Semester Units**
4.00

**Course Description**

This course focuses on machine intelligence. Topics include principles such as knowledge, representation, automated reasoning, and machine learning; tools, such as AI programming languages, control methods, search strategies, and pattern matching; and applications, such as computer vision, speech recognition, natural language processing, expert systems, game playing, and computer-aided learning. In addition, philosophical and psychological issues are discussed.

**Language(s) of Instruction**

English

**Host Institution Course Number**

COMP3411

**Host Institution Course Title**

ARTIFICIAL INTELLIGENCE

**Host Institution Campus**

New South Wales

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**

Computer Science and Engineering

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