

# COURSE DETAIL

## INTRODUCTION TO ARTIFICIAL INTELLIGENCE

**Country**

Ireland

**Host Institution**

University College Dublin

**Program(s)**

Irish Universities, University College Dublin

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

107

**UCEAP Course Suffix****UCEAP Official Title**

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

**UCEAP Transcript Title**

ARTIFICIAL INTELLIG

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

**Course Description**

This course offers a very broad introduction to the fundamental concepts and techniques of artificial intelligence, and provides students with the ability to assess and apply some of the basic techniques used in artificial intelligence (AI). Some of the topics include knowledge representation, problem solving & search, game playing, planning, machine learning and classification, genetic algorithms, neural networks, knowledge reasoning, and recommender systems. Please note any student taking this course must have their own laptop.

**Language(s) of Instruction**

English

**Host Institution Course Number**

COMP30030

**Host Institution Course Title**

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

**Host Institution Course Details****Host Institution Campus**

UC Dublin

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Computer Science

**Course Last Reviewed**

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