

CIS32: Artificial Intelligence

Spring 2009 — Course information

- *Instructor:*
Prof Simon Parsons
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Office: 0119 Ingersoll
Office hours: Mondays, Wednesdays 2–3pm
- *Course web page:*
<http://www.sci.brooklyn.cuny.edu/~parsons/15-fall-2008/>
- *Lectures and labs:*
Monday and Wednesday 11.00-12.15, in room 4411 N
- *Computer access:*
It will be helpful if you have access to a computer and the internet for this class, though it is not required. You can use the public machines in the library or the WEB building.
- *Textbook:*
Artificial Intelligence: A Modern Approach (second edition)
by Stuart Russell and Peter Norvig
publisher: Prentice Hall
It is available at the **Campus Bookstore** in the basement of Boylan Hall and from Amazon, or from **Shakespeare and Co.** in Hillel Place.
- *Additional course materials:*
Course lecture notes, additional readings and multi-media sources will be available on-line.
- *Prerequisites:* CIS 21 or 22.
- *Assessment:*

30	points	=	homework assignments
20	points	=	projects
20	points	=	midterm exam
30	points	=	final exam
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100	points		
- *Course objectives:*
 - To introduce you to some of the basic theory of artificial intelligence;
 - To introduce you to some of the practical techniques in artificial intelligence;
 - To give you experience of applying both the theory and the practical techniques.
- *The following topics will be covered:*
 - Reactive systems;
 - Search;
 - Knowledge representation;
 - Machine learning;
 - Planning; and
 - Software agents.