



Benha University

Artificial Intelligence ECE 412C

Computer Systems Engineering
Electrical Engineering Department



Faculty of Engineering
(at Shoubra)

Course Title: Artificial Intelligence

Course Code: ECE 412C

Instructor: Dr. Islam ElShaarawy

Main Textbook: Stuart Russell and Peter Norvig, *Artificial Intelligence: A Modern Approach*. 3rd Edition, Pearson Education, Inc., 2009, ISBN 978-0136042594.

Online Resources:

<http://aima.cs.berkeley.edu/> 

Course Contents:

1. Introduction to AI
2. Intelligent Agents
3. Solving Problems by Searching
4. Beyond Classical Search
5. Adversarial Search
6. Constraint Satisfaction Problems
7. Logical Agents
8. First-Order Logic
9. Inference in First-Order Logic
10. Classical Planning
11. Planning and Acting in the Real World
12. Knowledge Representation

Attendance Policy:

1. Attendance is compulsory.
2. Whether you attend or not, you are responsible for keeping track of whatever happens during the lectures and the tutorials.
3. Side talking, cellphones, laptops, food/drinks, and walking¹ are not allowed.



Grading System:

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|--------------------------------|-----|
| Attendance²: | 000 |
| Assignments: | 005 |
| Quizzes: | 010 |
| Midterm Exam: | 010 |
| Oral (Project): | 025 |
| Final Exam: | 075 |
| Total | 125 |

¹ If you are late for the lecture, then you are allowed to walk into the lecture hall but quietly.

² Attendance will be taken anyway.