

Introduction to Course

CMP4010

MACHINE INTELLIGENCE

Course Staff

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Course Contents

- Intelligent Agents
- Search
- Constraint satisfaction problems
- Adversarial search
- Markov decision process
- Reinforcement Learning
- Bayesian Networks
- Decision Making

Learning Outcomes

- Design, model and analyze intelligent agents.
- Estimate and measure the performance.
- Analyze, evaluate, select design and develop hardware and software platforms suitable for intelligent applications.

Course Textbook

Artificial Intelligence, A Modern Approach S. Russell and P. Norvig, Prentice Hall 2010 Pearson Edu (3rd Ed.)

Classwork

- Programming Assignments
- Quizzes

Grading policy

- No plagiarism.
- If you copy from any source or from each other, you will get ZERO.
- No late delivery (late deliveries will be heavily penalized, and they can be rejected).

Acknowledgment

The course slides were prepared by Dr. Dina El-Reedy, and they are adopted from the course textbook and AI Berkeley course notes.

Class Policy

No Side Talks