

# Artificial Intelligence

For Hedspi Project

## Lecture 1 – Course presentation

Lecturers :

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## General information

- Course name
  - Artificial Intelligence
- Volume
  - 15 x 2h
- Lecturer
  - Hai V. Pham, PhD. in computer intelligence

## Goals

- Total image of AI
- Basic *concepts* of AI
- Major *techniques* of AI
- Important *applications* of AI

## Content

- Introduction
- Agents
- Problem Solving
  - Search Algorithms
  - Constraint Satisfaction Problems
- Logic and Inference
- Planning
- Machine Learning

## Reference

- Book
  - *Artificial Intelligence – A Modern Approach*. Stuart Russell and Peter Norvig. Prentice Hall

## Evaluation

- Final examination
  - 70%
  - Achievement test
- Continuous assessment
  - 30%
  - Class attendance, midterm test (Homework 1&2), short tests or quizzes

## Some educational recommendations

- Attend classes
- Read the reference book
  - *Artificial Intelligence – A Modern Approach*. Stuart Russell and Peter Norvig. Prentice Hall
- Do not hesitate to
  - Ask questions
  - Give your opinions/feedbacks
  - Discuss with your lecturer