Introduction to
ARTIFICIAL INTELLIGENCE

Distance Learning

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Orientation
Orientation

- Website
- Objectives
- Course materials
- Distance Learning
- Student work
  - Assignments
  - Examination
- Grading policy
- Academic honesty
- Book coverage
- Q & A
Website

- **About me:**
  http://www.ptithcm.edu.vn/~NguyenVietCuong/

- **Web:**
  http://www.ptithcm.edu.vn/~NguyenVietCuong/Al-DL.htm
  - syllabus
  - latest grades
  - presentation slides

- **Email:** cuong.ngv@ptithcm.edu.vn
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Objectives

- Search
  - State Space
  - Blind Search
  - Heuristic Search
  - Optimal Search
  - Advanced Search
  - Constraint Processing

- Machine Learning
  - Nearest Neighbors
  - Decision Trees

- Knowledge Representation
  - Propositional & First Order Logic
  - Rule-based systems.
Course materials

- **Textbooks**
  - S. Russell, P. Norvig
    Artificial Intelligence. A modern approach,
  - Michael Negnevitsky,
    Artificial Intelligence, A Guide to Intelligent System,

- **Reference**
  - Nguyễn Việt Cường,
    Giáo trình Nhập môn Trí tuệ nhân tạo, PTIT, 2002.
  - David Poole, A. Mackworth, R. Goebel, biên dịch Trần Đức Quang, Trí tuệ tính toán: Tiếp cận bằng logic, tập 1&2, NXB Thông kê 2002.
Distance Learning

- **First Session** (180 minutes)
  - Orientation
  - Overview of Artificial Intelligence

- **Offline Session**
  - Self study
  - Forum for questions & answers

- **Online Session** (135 minutes)
  - Chat for questions & answers

- **Last Session** (360 minutes)
  - First Review:
    - Search
  - Second Review:
    - Machine Learning &
    - Knowledge Representation.
The students are encouraged to spend a minimum of ten hours outside the class in preparation for each hour spent in class.

Assignments ought to be done outside class.
Assignments

- Send your assignments to my email cuong.ngv@ptithcm.edu.vn and c/c: cuong.ngv@gmail.com
- Email subject, for example: AI-DL07
- To name your assignment file: Ch1-HoaNT.doc
- In your assignment have Name, Student ID, class
Examinations

- Final exam: on paper
Grading policy

Grade percentage

- Assignments 20%
- Attendance and Activity 10%
- Final Exam 70%
The Academic Honesty Policy:

“Students are expected to complete all materials (exams & exercises) on their own
This does not prevent the student from seeking assistance from the instructor or other students

Copying of assignments or cheating on exams will result in dismissal from this course and the student may be expelled from PTIT
Q & A
The End