



ĐẠI HỌC BÁCH KHOA HÀ NỘI
VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG

Artificial Intelligence

Lecture 1 – Course presentation

School of Information and Communication
Technology - HUST

General information

- Course name
 - Artificial Intelligence
- Volume
 - 15 x 2h
- Lecturer
 - Lê Thanh Hương
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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, 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