



1

## Staff information

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2

## Subject Roadmap



- Introduction
- Intelligent agents
- Search
- Knowledge representation and reasoning
- Planning
- Probabilistic reasoning and Bayesian networks
- Adaptation and learning



3

## Meeting time



- Lectures:
  - ☐ When: **Monday 14:30 – 16:30**
  - ☐ Where: **Live Online (Canvas/Collaborate Ultra)**
- Tutorials:
  - ☐ **Starting week 1**
  - ☐ Tutorials will be delivered Face-to-Face (please check your Timetable for the venue of your tutorial).
- **Note that ALL classes RUN on Labour Day 14<sup>th</sup> of March**
- Consultations:
  - ☐ By email appointment



4

## Subject Assessment (Provisional)



- 2 Assignments – 30% and 20%
  - ☐ Progress on assignment must be shown in tutorials
  - ☐ Involves problem solving
- Mid-term Test (25%) and Final Exam (25%)
  - ☐ Focus will be on conceptual understanding of all main topics covered in the lectures and the work of the tutorials
  - ☐ Tutorials will help in facing the exam with confidence!
  - ☐ Mid-term Test will be organised in Week 7 and cover the materials in Weeks 1-5.
  - ☐ Final exam will be conducted during the university examination period and mainly cover the materials in Weeks 6-11.

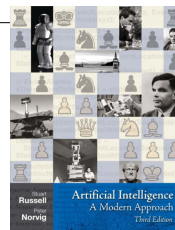


5

## Subject Information



- Textbook
  - ☐ Russell, S.J., Norvig, P.,  
Artificial Intelligence: A Modern Approach,  
3<sup>rd</sup> edition, Prentice-Hall, 2010. [AIMA]
- References
  - ☐ B. Coppin "Artificial Intelligence Illuminated" Jones and Bartlett Publishers, 2004
  - ☐ Nilsson "Artificial Intelligence: A New Synthesis" Morgan Kaufman Pub. 1998
- Core Aims
  - ☐ Understand fundamental concepts of Artificial Intelligence (AI) and generic problem solving techniques
  - ☐ Apply advanced algorithms and data structures to solve common problems
  - ☐ Design simple software that implements AI concepts.



6

## Lectures



- Focus is on theory
- High-level conceptual discussion of the algorithms
- Assignment discussion (10-15 minutes)
- Q & A of topics covered so far (10-15 minutes)



7

## Tutorials



- Aim is to ensure that all examinable aspects (theory) are fully covered in these sessions
  - Discussion on all fundamental topics in the subject
  - Some simple problems that are to be solved using AI techniques
- Assignment progress monitoring & answering programming exercise questions
- Discussion on potential exam questions, sample exam paper



8

## We are here to help ...

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- Ask us questions
- Talk to us when you run into difficulty
- Identify your issues early and take proactive actions
- And,
  - **ASK US QUESTIONS**

