

The slide features several light blue circles of varying sizes. One large circle is on the left side. Three smaller circles are arranged horizontally across the top, behind the main title. Two more circles are positioned below the title, one on the left and one on the right, behind the lecturer's name and schedule.

Foundations of Artificial Intelligence

Lecturer: Kan Min-Yen
Thursdays, 2:00 – 4:00 pm

LT 33

Outline for today

The title 'Outline for today' is positioned at the top left. To its right, there are five light blue circles arranged in a horizontal line. The first two circles partially overlap the text 'Outline' and 'for' respectively.

- Introduction to Artificial Intelligence
- Course administration
- Intelligent Agents



Course administration

- Teaching staff
- Web sites
- Objective
- Syllabus
- Assessment overview

Any questions?

Teaching staff

- Lecturer:
Min-Yen Kan (“Min”)
kanmy@comp.nus.edu.sg
Office: S15 05-05
6875-1885
Hours: 12 – 2 Thurs, or by appointment
Hobbies:
rock climbing, ballroom dancing, and inline skating...



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Course web sites

<http://www.comp.nus.edu.sg/~cs3243>

- Lecture, Tutorials, Notes, and Homework
- Other supplementary content

<http://ivle.nus.edu.sg/>

- Discussion forum
 - Any questions related to the course should be raised on this forum
 - Emails to me and Weihua considered public unless otherwise specified
- Announcements
- Homework submissions

Objective



- Understand the essential concepts of Artificial Intelligence. These basic concepts include search and knowledge representation, logic and game playing.
 - Students will also get a preview of at least one advanced area of AI in a self-selected, advanced lecture.
- Who?
 - Undergraduates and beginning graduate students. Centered towards IS/CS or by permission.

Readings

- Required textbook:

- Russell and Norvig (2003) *Artificial Intelligence: A Modern Approach* (2nd Edition ← Important!)

“Just terrific” – Prof. Brewka

“... a major step forward ... For the unified view of the field that this book introduces. Even for the experts in the field, there are important insights in almost every chapter” – Prof. Dietterich

“Worth every penny! Recent advances covered in the advanced chapter” – (me!)

Discussion

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Tutorial participation is very important. There are no “dumb” questions. You will only be penalized for not asking questions / not giving comments.

Possibilities:

- Name tags
- Cold calls
- Small group discussion and presentation

Assessment overview



- **Homework #1 (Individual)** 20%
17 Feb
- **Midterm** 20%
3 Mar
- **Homework #2 (Team)** 20%
7 Apr
- **Final Exam** 40%
26 Apr

Freedom of information rule

- Collaboration is acceptable and encouraged
- To assure that all collaboration is on the level,
you must always write the name(s) of your collaborators on your assignment.
- You will be assessed for the parts for which you claim is your own contribution.

Gilligan's Island rule

- You are free to meet with fellow students(s) and discuss assignments with them.
- Writing on a board or shared piece of paper is acceptable during the meeting; however, you **may not take any written (electronic or otherwise) record away from the meeting.**
- After the meeting, do something else for at least a half-hour (watch an episode of *Gilligan's Island*), before working on the assignment.
 - This will assure that you are able to reconstruct what you learned from the meeting, **by yourself, using your own brain.**