



THE UNIVERSITY
of ADELAIDE



CRICOS PROVIDER 00123M

Faculty of SET / School of Computer Science
TECH 1004 AI Technologies
Course Introduction

Dr. Yuankai Qi

adelaide.edu.au

seek LIGHT

Outline

- Course Introduction
- What is AI

Teaching Team

- **Dr Yuankai Qi** (Lecturer & Course Coordinator)
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 - Office: AIML 2.26 (Lot 14)
- **Mr Haojie Zhuang** (Teaching Assistant/Tutor)
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- **Mr Thomas Sam Koshy** (Teaching Assistant/Tutor)
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- **Ms Qingying Zhao** (Teaching Assistant/Tutor)
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- **Dr Mehdi Hosseinzadeh** (Teaching Assistant and Tuition session for **UAC**)
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Schedule

Week	Topic
1-2	What is AI
2-3	Python Primer
3-4	Machine learning
5-7	AI tech in NLP
7-8	Ethics in AI
9	AI tech in CV
10-11	Search and Games
12	Advanced topics

Activities

- **Lectures:**

- *Run from week 1 to week 12*
- Monday & Tuesday, 2pm - 3pm
- Ligertwood, 333, Lecture Theatre

- **Practicals:**

- *Run from week 3 to week 12*
- Monday, 4pm - 6pm
 - In-class: Ingkarni Wardli, B23, CAT Suite

The detailed schedule is available on MyUni

Learning Outcomes

- On successful completion of this course students will be able to:
 - Explain key concepts, differences, limitations and opportunities of various AI and machine learning approaches
 - Select, run, modify and build standard Python programs to solve relevant problems using AI or machine learning
 - Identify and use a broad range of existing resources in the development of AI and machine learning programs
 - Applying norms to the use of AI and machine learning including considerations of ethics, privacy and security

Assessments

- Quizzes: **15%**
 - 3 quizzes and 5% each
- Two assignments: **50%**
 - Assignment 1: 25%
 - Assignment 2: 25%
- Essay: **35% (Hurdle 50%)**
 - Essay outline: 5%
 - Essay 30%
- All assignments will be submitted to MyUni.

Late submission policy

- You should hand in your coursework on time.
- If you hand in your work late, your mark will be capped, based on how many days late it is.
 - 1 day late – mark capped at **80%**
 - 2 days late – mark capped at **60%**
 - 3 days late – mark capped at **40%**
 - more than 3 days late – **no marks available**
- If you handed in something on time, and it is worth more than something that you handed in late.
- Hand in early!

Assessments

- The final mark

Mark	Grade		Notes
85-100%	High Distinction	HD	Great!
75-84%	Distinction	D	Very good
65-74%	Credit	C	Good
50-64%	Pass	P	Satisfactory
0-49%	Fail	F	Cannot count this course for points or as a pre-requisite.
0%	Fail No Submission	FNS	No work submitted for assessment
	Result Pending	RP	Mark has not yet been finalised.

*Hurdle!!!

If you see an RP on your transcript, it means that your mark is not currently available. If you don't know why, you should contact your course coordinator.

Extensions

- **Extensions will not be granted for circumstances including** minor ailments; travel, employment, family, customary, sport or leisure commitments; problems with balancing workloads; normal exam stress or anxiety.
- **If you think your situation is exceptional**, contact your course coordinator ASAP, who will then consult the Head of School.
- **You will normally only receive an extension equivalent to** the number of days covered by your documentation. Don't expect to get an extra week because you lost a day.
- **Students who deliberately submit false or fraudulent documentation** may be referred to the Student Misconduct Tribunal.

Academic honesty policies

- Plagiarism
 - Using another person's ideas, designs, words or works without appropriate acknowledgment.
 - Content copied from online or generated by AI tools.
- Collusion
 - Another person assisting in the production of an assessment submission without the express requirement, or consent, or knowledge of the assessor.
- **Do not submit any work or part thereof which is not yours.**
- **Do not submit any work for which you have received unfair assistance**
- Full policy is available at [the university webpage.](#)

What to do Next?

- Get familiar with MyUni
 - <https://myuni.adelaide.edu.au/courses/88937>
- Check details, schedules, deadlines on MyUni
- Set the course time/location in your calendar.
- The first quiz!