

The Hong Kong University of Science and Technology (Guangzhou)

UG Course Syllabus Template

Academic Orientation for AI Students

AIAA 1010

Credits: 1

Pre-/co-requisites: N/A

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Course Description

This course aims at guiding undergraduate students of the AI major for their academic path and future. This course is mostly introductory and aims to inspire UG students for their academic path development and growth of maturity during their UG study. Activities may include seminars, workshops, advising and sharing sessions, interaction with faculty and teaching staff, and discussion with student peers or alumni. Graded Pass or Fail.

Intended Learning Outcomes (ILOs)

By the end of this course, students should be able to:

1. Understand the academic path development in the UG study.
2. Critically identify and analyze the dynamic nature of the AI discipline.
3. Demonstrate thorough knowledge of the literature and a comprehensive understanding of scientific methods and techniques relevant to AI.
4. Analyze and discuss the major issues in AI and recent development of AI for our society.

Assessment and Grading

This course will be assessed using criterion-referencing and grades will not be assigned using a curve. Detailed rubrics for each assignment are provided below, outlining the criteria used for evaluation.

Assessments:

Assessment Task	Contribution to Overall Course grade (%)	Additional Information <i>(optional)</i>
Written assignment	80%	e.g., summary report on seminar, self-reflection report, self-devised learning plan, etc.
Course participation	20%	

Mapping of Course ILOs to Assessment Tasks

Assessed Task	Mapped ILOs	Explanation
Written assignment	CILO1, CILO2, CILO3, CILO4	This task assesses students' ability to understand the academic path development in the undergraduate study (CILO 1), critically identify and analyze the dynamic nature of the AI discipline (CILO 2), demonstrate thorough knowledge of the literature and a comprehensive understanding of scientific methods and techniques relevant to AI (CILO 3), and analyze and discuss the major issues in AI and recent developments of AI for our society (CILO 4).
Course participation	CILO1, CILO2, CILO3, CILO4	The presentation and reflection assess students' ability to understand the academic path development in the undergraduate study (CILO 1), critically identify and analyze the dynamic nature of the AI discipline (CILO 2), demonstrate thorough knowledge of the literature and a comprehensive understanding of scientific methods and techniques relevant to AI (CILO 3), and analyze and discuss the major issues in AI and recent developments of AI for our society (CILO 4), showcasing higher-order thinking skills of analysis, evaluation, and synthesis.

Grading Rubrics

The “P” will be given,

if students submit 100% of the written assignments (for each instructor) and attend 80% of the total lectures in the whole semester, during which leave of absence (with email application or equivalent) is allowed only with persuasive reasons, e.g., sickness leave.

else:

The “F (fail)” will be resulted.

Final Grade Descriptors:

Grades	Short Description	Elaboration on subject grading description
A	Excellent Performance	Demonstrates excellent understanding of AI concepts, strong analytical skills, and exceptional ability to discuss AI's impact on society. Exceeds expectations in scholarship and problem-solving.
B	Good Performance	Shows good knowledge of AI and effective analytical skills, with solid understanding of AI's societal implications. Meets learning goals with competence and collaboration.
C	Satisfactory Performance	Possesses adequate knowledge of AI, with basic analytical abilities and some understanding of AI's role in society. Demonstrates persistence in achieving learning goals.
D	Marginal Pass	Shows limited understanding of AI concepts and minimal analytical skills. Benefits from the course but needs further development in critical areas.
F	Fail	Demonstrates insufficient knowledge of AI, lacks critical thinking and problem-solving skills. Does not meet the basic requirements for the course.

Course AI Policy

The course assignments do not allow for generative AI tools to directly write relevant contents. However, the usage for grammatic check is allowed.

Communication and Feedback

Assessment marks for individual assessed tasks will be communicated via Canvas within two weeks of submission. Feedback on assignments will include [specific details, e.g., strengths, areas for improvement]. Students who have further questions about the feedback including marks should consult the instructor within five working days after the feedback is received.

Resubmission Policy

This course is a mandatory for all UG students taking AI major. Assignment submission deadline is fixed. However, resubmission can be allowed based on each instructor's requirement. Reassessment is generally not allowed if no distinct reasons from students are provided, e.g., sickness leave.

Required Texts and Materials

No required textbooks, readings, and any other materials. Any open-source publications and online resources that are beneficial to AI students' academic development can be referred.

Academic Integrity

Students are expected to adhere to the university's academic integrity policy. Students are expected to uphold HKUST(GZ)'s Academic Honor Code and to maintain the highest standards of academic integrity. The University has zero tolerance of academic misconduct. Please refer to Regulations for Academic Integrity and Student Conduct for the University's definition of plagiarism and ways to avoid cheating and plagiarism.

[Optional] Additional Resources

No exact requirement.