Course: CDAS4998  
Course ID: 014337  
Eff Date: 2023-07-01  
Crse Status: Active  
Apprv. Status: Approved  

Final Year Project I (畢業專題研究 (一))

The course is designed to provide students with an opportunity to carry out, under the supervision of an academic staff, an independent project with research elements in computation data science topics. Advisory: For majors only.

In the teaching guidance, students will engage in a research-oriented independent project in the field of computation data science. Advisory: Only for majors.

Grade Descriptor:

A  
EXCELLENT – exceptionally good performance and far exceeding expectation in all or most of the course learning outcomes; demonstration of superior understanding of the subject matter, the ability to analyze problems and apply extensive knowledge, and skillful use of concepts and materials to derive proper solutions.

B  
GOOD – good performance in all course learning outcomes and exceeding expectation in some of them; demonstration of good understanding of the subject matter and the ability to use proper concepts and materials to solve most of the problems encountered.

C  
FAIR – adequate performance and meeting expectation in all course learning outcomes; demonstration of adequate understanding of the subject matter and the ability to solve simple problems.

D  
MARGINAL – performance barely meets the expectation in the essential course learning outcomes; demonstration of partial understanding of the subject matter and the ability to solve simple problems.
有关等級說明的資料，請參閱英文版本。

F

FAILURE – performance does not meet the expectation in the essential course learning outcomes; demonstration of serious deficiencies and the need to retake the course.

有关等級說明的資料，請參閱英文版本。

Equivalent Offering:
Units: 3 (Min) / 3 (Max) / 3 (Acad Progress)
Grading Basis: Graded
Repeat for Credit: N
Multiple Enroll: N
Course Attributes: Capstone Course

Topics:

COURSE OUTCOMES

Learning Outcomes:
1) Be able to identify and have a basic understanding of the literature related to the project topic.
2) Be able to define and complete a project that utilizes results in the literature.
3) Be able to perform a critical review of the project.
4) Develop technical writing skills.

Course Syllabus:
The course is designed to provide students with an opportunity to carry out, under the supervision of an academic staff, an independent project with research elements in computation data science topics.

Assessment Type:
- Presentation: 15%
- Project: 70%
- Report: 15%

Feedback for Evaluation:
1) Email feedback
2) Review meeting

Required Readings:

Literature review materials will be recommended by the project supervisor.

Recommended Readings:

<table>
<thead>
<tr>
<th>OFFERINGS</th>
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<tbody>
<tr>
<td>1. CDAS4998 Acad Organization=CDASP; Acad Career=UG</td>
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<table>
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<tr>
<th>COMPONENTS</th>
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<tr>
<td>PRJ : Size=40; Final Exam=N; Contact=0</td>
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<th>ENROLMENT REQUIREMENTS</th>
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<th>CAF</th>
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<tbody>
<tr>
<td>No. of micro-modules 0</td>
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<td>Research components (UG) 75% – 100%</td>
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<td>University theme/priority Innovation and Design</td>
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