

Implementation Regulations for the Project Practice Course of the Bachelor Program of Intelligent Computing and Big Data at Chung Yuan Christian University

Approved in the 113-1-2 Curriculum Affairs Meeting on September 11, 2024.

1. Objectives:

Based on the research directions of the faculty and industry needs, special topics of interest to students are provided to cultivate students' practical abilities and enhance their competitive advantage.

2. General Regulations:

- A. Course Schedule: Offered in the first semester (third year, second semester) and second semester (fourth year, first semester).
- B. Each of the two classes (A and B) will have one instructor responsible for inviting and arranging the review committee for the project competition, and must enter and submit grades to the Office of Academic Affairs at the end of the semester.
- C. Students will work in groups of 2 to 4, selecting topics based on the expertise and interests of group members. After assessment, a full-time faculty member from the department will be appointed as the project advisor, and a consent form must be filled out.
- D. The project execution team will consist of the department chair, the instructor, and the project advisor.
- E. The instructor will delegate the project advisor to formulate and execute the project content, which will be announced on the department's website.
- F. The maximum number of students per advisor is set at 150% of the average:
Average = Total number of students in the project / Total number of full-time faculty in the department that year.
- G. The project execution team will coordinate the number of students assigned to each advisor based on actual circumstances.
- H. Full-time faculty in the department have the obligation to advise project students.
- I. If the advisor is unable to provide actual guidance or must co-advise with others, they may invite co-advisors, including experts from various fields and part-time faculty.
- J. Each project group must conduct an initial review of their project results in the second semester, with the grading method as described in point three.

3. Grading Method:

- A. First semester project grades will be assessed by the project execution team based on each group's performance. Grading criteria include theoretical or prototype validation, poster and oral presentation, and a written report of 6 pages.
- B. Second semester project grades will be composed of 20% from the project execution team and 80% from external reviewers, conducted in a project competition format. Each group must submit and upload required materials, with grading also including practical demonstrations, posters or PPT presentations, electronic project abstracts, and a written report of 30 pages.

4. Project Competition Method:

- A. The project execution team is responsible for organizing the competition, with assistance from teaching assistants and the department's student association, and will appoint internal and external reviewers to form the committee.
- B. Each group must submit an electronic project report (approximately 30 pages) to the department office to be compiled into a proceedings, and produce a short video of about 2 minutes. They must also upload the electronic project abstract to the department's website for viewing.
- C. Committee members will be responsible for asking questions, providing suggestions, and grading during the presentation period, as well as determining awards for excellence, merit, and honorable mentions, with some awards potentially omitted. Awarded students will receive certificates and scholarships from the department.
- D. Award-winning groups are encouraged to participate in internal and external project competitions to bring honor to the department. Students who win awards in external competitions will receive additional scholarships as encouragement from the department.

5. The required formats for the submitted materials mentioned above can be downloaded from the department's website.

6. These regulations will be implemented after being approved by the Curriculum Affairs Meeting, and the same applies to any amendments.