

Interdisciplinary Program of Electrical Engineering and Computer Science, National Tsing Hua University

Special Topic on Implementation

Regulation for Course Selection and Evaluation

Approved by the Student Affairs and Curriculum Committee for the
Interdisciplinary Program of Electrical Engineering and Computer Science
April 26, 2024

Article 1. Course Objectives

This elective course is designed for students to receive guidance from advisors of the Special Topic on Implementation courses. Through the ‘learning by doing’ approach, students can grasp the spirit, methodology, and practical processes of academic research.

Article 2. Eligibility and Regulations

The course is restricted to EECS junior (and above) students enrolled in the current semester. For Special Topic on Implementation I, students may enroll in “EECS3900 Special Topic on Implementation I” offered by our program, “CS39010 System Integration Implementation I” offered by the Department of Computer Science, or “EE3900 Special Topic on Implementation I” from the Department of Electrical Engineering. As Special Topic on Implementation II (or System Integration Implementation II) is a sequel course, students must select Special Topic on Implementation II (or System Integration Implementation II) offered by the same department where they took Special Topic on Implementation I (or System Integration Implementation I).

Article 3. Course Process

- I. EECS3900 Special Topic on Implementation I: Students must secure professors from the Department of Computer Science or the Department of Electrical Engineering as their advisors. Before the end of the third course selection period each semester, submit the “Advisor Approval Form for the Special Topic on Implementation I” (實作專題一指導教授同意書) to the Office of the Interdisciplinary Program of Electrical Engineering and Computer Science (電資院學士班辦公室), and then complete the course selection on the Academic Information System.
- II. EECS3910 Special Topic on Implementation II: Complete the course selection on the Academic Information System during the course selection period. If a student needs to change advisors for “Special Topic on Implementation II” for any reason, he or she must obtain consent and signatures from both the original and new advisors before proceeding with course selection.

Article 4. Student Performance Evaluation

- I. EECS3900 Special Topic on Implementation I: Evaluated by the advisor.
- II. EECS3910 Special Topic on Implementation II: Evaluated by the advisor.
- III. Students enrolled in "Special Topic on Implementation" in the Department of Electrical Engineering or "System Integration Implementation" in the Department of Computer Science must adhere to the course completion regulations of both departments.

Article 5. These regulations will be implemented following approval by the Department Affairs and Curriculum Committee.

附件三、實作專題修課及評分實施細則

國立清華大學電機資訊學院學士班

實作專題修課及評分實施細則

113 年 4 月 26 日電資院學士班班務暨課程會議通過

第一條 課程宗旨

課程由選修學生跟隨實作專題指導老師，透過「從做中學」(learning by doing)的方式，學習到學術研究的精神、方法、與實作過程。

第二條 修課對象及規範

限本班當學期在學之三年級(含)以上學生。實作專題一可修習本班「EECS3900 實作專題一」、資訊工程學系「CS39010 系統整合實作一」、電機工程學系「EE3900 實作專題一」。因實作專題二(或系統整合實作二)為延續性課程，故修課者須選擇與實作專題一(或系統整合實作一)同一開課單位之實作專題二(或系統整合實作二)。

第三條 修課流程

- 一、EECS3900 實作專題一：由學生自行尋找本校資訊工程學系或電機工程學系教師擔任指導教師，並於每學期第三次選課截止日前向電資院學士班辦公室提交「實作專題一指導教授同意書」並完成選課。
- 二、EECS3910 實作專題二：於每學期選課期間完成選課即可。若修課者因故需更改「實作專題二」指導教師，須徵得原指導教師及新指導教師同意並取得簽名後，才得進行選課。

第四條 成績評量

- 一、EECS3900 實作專題一：由指導教師評分。
- 二、EECS3910 實作專題二：由指導教師評分。
- 三、選修電機系「實作專題」或資工系「系統整合實作」者請依兩系課程規範進行修課。

第五條 本辦法經班務暨課程會議通過後實施。