

# 銘傳大學電子工程學系專業基本能力檢定實施細則

Ming Chuan University Enforcement Rules for Electronic Engineering Department Professional Competencies

中華民國 99 年 1 月 20 日第 5 次系課程暨系務聯席會議通過  
Passed at the Department Affairs Committee Meeting on January 20, 2010

中華民國 99 年 4 月 9 日第 7 次系課程暨系務聯席會議通過  
Passed at the Department Affairs Committee Meeting on April 9, 2010

中華民國 99 年 6 月 3 日教務會議審議通過  
Passed at the Academic Affairs Committee Meeting on June 3, 2010

中華民國 105 年 3 月 2 日第 7 次系課程暨系務聯席會議通過  
Passed at the Department Affairs Committee Meeting on March 2, 2016

中華民國 105 年 5 月 12 日教務會議審議通過  
Passed at the Academic Affairs Committee Meeting on May 12, 2016

中華民國 106 年 9 月 11 日第 1 次系課程暨系務聯席會議通過  
Passed at the Department Affairs Committee Meeting on September 11, 2017

中華民國 106 年 12 月 7 日教務會議審議通過  
Passed at the Academic Affairs Committee Meeting on December 7, 2017

中華民國 109 年 6 月 3 日第 8 次系務會議通過  
Passed at the Department Affairs Committee Meeting on June 3, 2020

中華民國 110 年 1 月 18 日第 2 次系課程暨第 4 次系務會議通過  
Passed at the Department Affairs Committee Meeting on January 18, 2021

- 一、 本系為提昇學生升學暨就業競爭力，依據「銘傳大學學生畢業資格檢定實施辦法」，訂定「銘傳大學電子工程學系專業基本能力檢定實施細則」（以下簡稱本細則）。

In accordance with the Ming Chuan University Procedures for Proficiency-based Graduation Requirements, these regulations were established to improve students' competitiveness for their future careers and further studies.

- 二、 九十九學年度起入學之大學部學生，應通過本校所定之「服務學習」、「英語能力」、「資訊能力」、「中文能力」及「運動能力」畢業資格檢定標準，及本細則所定「基本能力」之檢定標準，始得畢業。研究生需通過各系所規定專業基本能力檢定標準，始得畢業。

To attain graduation eligibility, undergraduate students (except for students studying in Three-year Work Experience Degree Completion Program) admitted in the 2010-11 academic year and beyond must meet the graduation requirements specified in these procedures and the enforcement rules for Service-Learning, English proficiency, Information Technology proficiency, Chinese proficiency and Sports capability, as well as the professional competencies regulated by the academic unit to which they belong. Graduation requirements for returning students and transfer students will be the requirements for the year in which they resume or commence their studies.

- 三、 學生應於在學期間內通過基本能力檢定，其項目及檢定標準如下：

Students are required to meet the professional competencies outlined below during their period of study:

基本能力(大學部) Basic Competence (Undergraduate)	檢定標準 Verification standard
電子專業實作能力 Electronic professional implementation ability	通過電子專業實作會考。 Passed the electronic professional practice exam.
程式設計能力 Programming ability	通過資訊學院程式設計會考或CPE考試累積通過2題。 Pass 2 questions in the School of Information Technology Programming Exam or CPE Exam.
書面與口頭報告能力 Written and oral reporting ability	完成專題書面報告、在公眾場合簡報，並且通過系定檢核標準。 Complete thematic written reports, briefings in public, and pass the department's verification standards.

期刊、學術論文發表 Publication of journals and academic papers	撰寫論文於期刊或研討會出席並發表 Writing research papers and publishing in journals or presenting in conferences .
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基本能力(碩士班) Basic Competence (Graduate)	檢定標準 Verification standard
書面與口頭報告能力 Written and oral reporting ability	完成碩士論文撰寫工作並通過口試 Complete master's thesis writing and pass the oral exam
期刊、學術論文發表 Publication of journals and academic papers	撰寫論文於期刊或研討會出席並發表 Writing research papers and publishing in journals or presenting in conferences .

四、 學生於畢業前未達前條所定基本能力檢定標準者，應加修本系指定學分之補救課程，於該課程達及格標準後，始得畢業。

Students who fail any of the proficiency tests must enroll in specified remedial courses to attain graduation eligibility. The remedial courses will be offered during the semester or summer break by relevant academic units. The course fees will be collected in accordance with the standard fee for summer courses.

五、 通過基本能力檢定標準之學生，應將成績或其他相關證明文件，送交本系經審核通過後，成績以「檢定通過」登錄。

Students who meet the graduation requirements for a proficiency test should submit the original certificate or score report to the department, school or degree program to which they belong for review. After completion of these procedures, the students will be verified as meeting the graduation requirements.

六、 本細則經系務、院務及教務會議通過後，報請校長核定後實施，修正時亦同。

Upon being passed at the University Affairs Committee Meeting and approved by the president, these procedures were announced and implemented. Any revision must follow the same procedures.