

Earn 3 Certifications from a 2-Credit Course: 12 Engineering Students Equipped with Project Management Skills for Immediate Impact

Campus focus

In the second semester of the 2024 academic year, all 12 students enrolled in the College of Engineering's course "Project Management" successfully passed three certifications—PMA, SPPA, and PMA+—transforming theoretical knowledge into immediate workplace readiness.

Dean of the College of Engineering, Prof. Tzung-Hang Lee, noted that the course invited Chang-Wei Shu, a lecturer from the Department of Computer Science and Information Engineering and a senior instructor certified by the National Project Management Association, to design a structured learning pathway tailored to engineering students. The course not only delivers theoretical knowledge but also emphasizes hands-on practice and the integration of digital tools, guiding students to progressively accumulate practical results during the semester. Learning outcomes are further validated through certification exams, enabling students to build an impressive resume before graduation.

Under the course framework, the 12 students from various departments first obtained the "SPPA Project Assistant" certification on May 2, 2025, strengthening their capabilities in cloud collaboration and administrative support. They then earned the "PMA Project Assistant" certification on June 13, establishing a solid foundation in core project management knowledge. Finally, on September 24, they passed the "PMA+ Project Technician" certification, demonstrating advanced competencies in integrating project management with digital tools. Shih-Hsin Chen, Associate Professor and Chair of the Department of Computer Science and Information Engineering, praised the students for their strong self-discipline, sustained commitment, and professional growth, which led to these outstanding achievements.

Shu explained that the combination of these three certifications signifies

that students have developed a comprehensive capability framework, spanning project fundamentals, digital collaboration, and integrated application, before graduation. In the workplace, this reflects the highly valued ability to be “ready to deploy, ready to collaborate, and ready to deliver.”

