

Summer School 2025開課清單

序號 No.	開課時段 Date & Time	單位 Department	授課教師 Instructor	任職學校 Institute	課程名稱 Course Name
1	July/1,4 9:00 - 12:00 July/2-3 9:00 - 12:00, 14:00 - 17:00	Department of Mechanical Engineering	高一民教授 Prof. Imin Kao	石溪大學 Stony Brook University, New York	半導體晶圓製造之科學與工程基礎 Science & Engineering Foundations for Semiconductor Wafer Manufacturing
2	July/1 - 8 9:00 - 12:00	School of Electronics Engineering	Assoc. Prof. Sukanta Kumar Sabut	卡林加工業技術學院 Kalinga Institute of Industrial Technology	深度學習在醫學儀器及訊號上的應用 Medical Technology: Bio-Medical Instrumentation, Medical Signal/Image Processing, Deep learning: Models & its Application in Health Care
3	July/7 - 8 13:00 - 16:00 July/9 - 11 10:00 - 12:00, 13:00 - 15:00	Environmental Sciences	周韋均助理教授 Asst. Prof. Wei-Chun Chou	加利福尼亞大學河濱分校 University of California, Riverside	人工智慧於毒理學與 環境健康的應用 Artificial Intelligence in Toxicology and Environmental Health
4	July 14 9:00-12:00, 13:00-16:00 July 15-18 9:00-12:00	School of Civil and Environmental Engineering	蔡宜長教授 Prof. Yichang Tsai	喬治亞理工學院 Georgia Institute of Technology	人工智能在智慧城市的應用 AI for Smart Cities
5	July 16-18 9:00-12:00, 13:00-16:00	Institute of Microelectronics	藤野真久博士 Dr. Masahisa Fujino	IME, Agency for Science, Technology and Research (A*STAR)	3DIC堆疊之晶圓接合 Wafer bonding technology for 3D integration
6	July 21 - 25, 30/ 13:00 - 16:00	Chemical Engineering	辜鴻鳴助理教授 Asst. Prof. Hong- Ming Ku	蒙庫國王科技大學 King Mongkut's University of Technology Thonburi	使用ASPEN Plus進行化工製程模擬 Chemical Process Simulation Using ASPEN Plus
7	August 4 - 6 9:00 - 12:00, 14:00 - 17:00	Department of Mechanical Engineering and Material Science	井上史大副教授 Assoc. Prof. Fumihiro Inoue	橫濱國立大學 Yokohama National University	先進3DIC堆疊技術 Advanced 3D Integration technology
8	August 4-8, 11/ 9:00 - 12:00	Materials Science and Engineering	Prof. Martin Murtagh	康乃爾大學 Cornell University	創新產品設計原理 Principles of Innovative Product Design
9	August 5 - 7/ 9:00 - 12:00, 14:00 - 17:00	Institute of Applied Optics	Prof. Wolfgang Osten	斯圖加特大學 University of Stuttgart	全息技術與光學計量：基礎、原理與應用 Holography and Optical Metrology: Basics, Principles and Applications

* 周末、假日不排課。No classes will be scheduled on weekends or holidays.

* 若有任何異動，請以工學院官網公告為準。For any changes, please refer to the announcements on the COE's official website.