

CCU Course Lists in Spring Semester of 2024

Graduate Institute of Mechanical Engineering

[Course time table](#)

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Year Standing	Course ID	Class	Course Title	Instructor	Hours per week Regular/Experiments/Discussions	Credit	Credit type	Day/Period	Classroom	Student Limit	Credit Type	Syllabu
1	4205054	01	Advance Computer Aided Engineering Methods	De-Shin Liu Scott	3 3/0/0	3	Elective	Thur.7,8,9	創新大樓 201	0	Open for Ph.D students	link
1	4205057	01	Introduction to Intelligent Grid (English-taught)	Allen Wu	3 3/0/0	3	Elective	Wed.G,H	College of Engineering (Building A)125	0	Open for Graduate students	link
1	4205058	01	Applications of Electric Vehicles in Power Systems	Yu-Jen Liu	3 3/0/0	3	Elective	Tue.E,F	College of Engineering (Building A)125	0	Open for Graduate students	link
1	4205154	01	Advanced Theory of Gearing	Zhang-Hua Fong	3 3/0/0	3	Elective	Thur.8,9,10	College of Engineering (Building B)215 Right	0	Open for Ph.D students	link
1	4205161	01	Advanced Robotics	Chih-Ying Yang	3 3/0/0	3	Elective	Mon.3,4,5	College of Engineering (Building B)214 Right	0	Open for Ph.D students	link
1	4205162	01	CNC Machine Tool Human Machine Interface Design and Application for PC NC Structure (English-taught)	Yung-Chou Kao	3 3/0/0	3	Elective	Mon.10,11,12	創新大樓 201	0	Open for Graduate students	link
1	4205201	01	Computer-Aided Manufacturing (CAM) (English-taught)	Rong-Shine Lin	3 3/0/0	3	Elective	Mon.G Wed.G	College of Engineering (Building B)214 Right	0	Open for Graduate students	link
1	4205364	01	Introduction of Wave Propagation in Elastic Solids	Yi-Chuang Wu	3 3/0/0	3	Elective	Tue.H Thur.H	College of Engineering (Building B)214 Left	0	Open for Graduate students	link
1	4205365	01	Experimental Techniques and Related Data Analytics in Sound and Vibration	Chih-Chun Cheng	3 3/0/0	3	Elective	Tue.C Thur.C	College of Engineering (Building B)214 Right	0	Open for Graduate students	link
1	4205366	01	Special topic on optics (I) (English-taught)	Guo-En Chang	3 3/0/0	3	Elective	Mon.8,9,10	創新大樓 105	0	Open for Graduate students	link
1	4205566	01	Radionuclide migration	Chun-Ping Jen	3 3/0/0	3	Elective	Thur.4,5,6	College of Engineering (Building B)433	0	Open for Graduate students	link
1	4205759	01	System Identification	Her-Terng Yau	3 3/0/0	3	Elective	Tue.B Thur.B	College of Engineering (Building B)215 Right	0	Open for Graduate students	link
1	4205776	01	Digital Control (English-taught)	Boe-Shong Hong	3 3/0/0	3	Elective	Thur.7,8,9	College of Engineering (Building B)214 Right	45	Open for Graduate students	link

1	4205781	01	Advanced Signal Processing (English-taught)	Her-Terng Yau	3 3/0/0	3	Elective	Tue.C Thur.C	College of Engineering (Building B)215 Right	0	Open for Graduate students	link
1	4205958	01	Seminar	Lai Yi-Sheng Zhi-Ting Ye Chu-Chi Ting	2 0/0/2	1	Required	Wed.8,9	創新大樓 110大型 Meeting Room (銘珠講堂)	0	Open for both Graduate and Ph.D students	link
1	4206356	01	Fatigue Analysis and Design (English-taught)	Pai-Chen Lin	3 3/0/0	3	Elective	Tue.G Thur.G	College of Engineering (Building B)214 Right	0	Open for Ph.D students	link
1	4206502	01	Intermediate Heat Transfer (I) (English-taught)	Hang-Suin Yang	3 3/0/0	3	Elective	Thur.10,11,12	College of Engineering (Building B)213	0	Open for Graduate students	link
1	4208151	01	Optimum design	Chung-Yu Tsai	3 3/0/0	3	Elective	Wed.3,4,5	College of Engineering (Building B)214 Right	0	Open for Ph.D students	link
1	4208152	01	The practice of cutting gears using high-efficiency and low-pollution manufacturing technology	Kuan-Hung Chen	3 3/0/0	3	Elective	Tue.4,5,6	創新大樓 105	0	Open for Ph.D students	link
1	4208353	01	Design and Simulation of Photonic Devices	Guo-En Chang	3 3/0/0	3	Elective	Thur.4,5,6	創新大樓 201	0	Open for Ph.D students	link
1	4208354	01	Materials Analysis and Characterization (English-taught)	Jong-Ning Aoh	3 3/0/0	3	Elective	Mon.3,4,5	College of Engineering (Building B)215 Right	0	Open for Ph.D students	link
1	4208751	01	Thermoacoustic Dynamics and Control	Boe-Shong Hong	3 3/0/0	3	Elective	Tue.7,8,9	College of Engineering (Building B)214 Right	0	Open for Graduate students	link
1	4208951	01	Optical system design and practical engineering (English-taught)	Zhi -Ting Ye	3 3/0/0	3	Elective	Thur.4,5,6	創新大樓 222	0	Open for Ph.D students	link