

# CCU Course Lists in Fall Semester of 2023

## 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	Sylla
1	4205004	01	Finite Element Analysis (English-taught)	De-Shin Liu Scott	3 3/0/0	3	Elective	Tue.10,11,12	創新大樓 201	0	Open for Graduate students	<a href="#">lin</a>
1	4205005	01	Linear Systems (English-taught)	Boe-Shong Hong	3 3/0/0	3	Elective	Thur.10,11,12	College of Engineering (Building B)214 Left	40	Open for Graduate students	<a href="#">lin</a>
1	4205007	01	Elasticity (English-taught)	Pai-Chen Lin	3 3/0/0	3	Elective	Mon.13,14,15	College of Engineering (Building B)215 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4205015	01	Practice of Transmission Gears for Robot Arm	Kuan-Hung Chen	3 3/0/0	3	Elective	Tue.4,5,6	創新大樓 105	0	Open for Graduate students	<a href="#">lin</a>
1	4205016	01	Design of Lightweight Structure Using Computer Aided Engineering	Chen-Wei Chuang	3 3/0/0	3	Elective	Thur.7,8,9	創新大樓 201	0	Open for Graduate students	<a href="#">lin</a>
1	4205101	01	Mechanism Design	Yii-Wen Hwang	3 3/0/0	3	Elective	Mon.3,4,5	College of Engineering (Building B)433	0	Open for Graduate students	<a href="#">lin</a>
1	4205106	01	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 Graduate students	<a href="#">lin</a>
1	4205115	01	Special Topic on Computational Geometry Supported Analysis in Manufacturing Application (English-taught)	Yung-Chou Kao	3 3/0/0	3	Elective	Mon.7,8,9	創新大樓 201	0	Open for Graduate students	<a href="#">lin</a>
1	4205202	01	Computer Control of Manufacturing (English-taught)	Rong-Shine Lin	3 3/0/0	3	Elective	Mon.C Wed.C	College of Engineering (Building B)213	0	Open for Graduate students	<a href="#">lin</a>
1	4205302	01	Acoustics	Chih-Chun Cheng	3 3/0/0	3	Elective	Thur.13,14,15	College of Engineering (Building B)214 Right	0	Open for Ph.D students	<a href="#">lin</a>
1	4205306	01	Advanced Mechanics of Materials	Yi-Chuang Wu	3 3/0/0	3	Elective	Thur.4,5,6	College of Engineering (Building B)214 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4205512	01	Engineering of Nanofluidics and Microfluidics	Chun-Ping Jen	3 3/0/0	3	Elective	Mon.4,5,6	College of Engineering (Building B)214 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4205518	01	Two-phase flow and boiling heat transfer (English-taught)	Yu-Chen Lin	3 3/0/0	3	Elective	Tue.7,8,9	College of Engineering (Building B)215 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4205519	01	Advanced computational fluid dynamics (English-taught)	Yu-Chen Lin	3 3/0/0	3	Elective	Mon.7,8,9	College of Engineering (Building B)213	0	Open for Graduate students	<a href="#">lin</a>

1	4205562	01	Special Topics on Nano/Micro Fluidic Technologies-Micromanipulation Technologies	Chun-Ping Jen	3 3/0/0	3	Elective	Thur.4,5,6	College of Engineering (Building B)213	0	Open for Ph.D students	<a href="#">lin</a>
1	4205563	01	Hydrogen Energy and Fuel Cells (English-taught)	Yong-Song Chen	3 3/0/0	3	Elective	Tue.C Thur.C	College of Engineering (Building B)215 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4205564	01	Applications and Characterization of Atmospheric-Pressure Plasma Technology (English-taught)	Kun-Mo Lin	3 3/0/0	3	Elective	Wed.3,4,5	College of Engineering (Building B)214 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4205718	01	Special Topics on Advanced Control Technologies (English-taught)	Shyh-Leh Chen	3 3/0/0	3	Elective	Mon.C Wed.C	創新大樓 105	0	Open for Graduate students	<a href="#">lin</a>
1	4205774	01	DC Motors	Boe-Shong Hong	3 3/0/0	3	Elective	Wed.10,11,12	College of Engineering (Building B)214 Left	0	Open for Graduate students	<a href="#">lin</a>
1	4205777	01	Artificial Intelligence	Ping-Huan Kuo	3 3/0/0	3	Elective	Tue.7,8,9	創新大樓 201	0	Open for Graduate students	<a href="#">lin</a>
1	4205803	01	Robotics	Chih-Ying Yang	3 3/0/0	3	Elective	Mon.7,8,9	College of Engineering (Building B)215 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4205904	01	Seminar	Ping-Huan Kuo	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	<a href="#">lin</a>
1	4206301	01	Structural Dynamics (English-taught)	Chih-Chun Cheng	3 3/0/0	3	Elective	Tue.4,5,6	College of Engineering (Building B)214 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4206757	01	ANOVA and Taguchi Method	Jung-Wei John Cheng	3 3/0/0	3	Elective	Mon.8,9,10	College of Engineering (Building B)214 Right	0	Open for Graduate students	<a href="#">lin</a>
1	4207701	01	Motion Control (English-taught)	Shyh-Leh Chen	3 3/0/0	3	Elective	Mon.B Wed.B	創新大樓 105	0	Open for Graduate students	<a href="#">lin</a>
1	4208301	01	Virtual Instrumentation Programing and Applications	Guo-En Chang	3 3/0/0	3	Elective	Mon.3,4,5	創新大樓 201	0	Open for Ph.D students	<a href="#">lin</a>