

CCU Course Lists in Fall Semester of 2021

Master of Science in Advanced Manufacturing Systems

[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	Syllal
1	4455012	01	Video Processing (English-taught)	Jui-Chiu Chiang	3 3/0/0	3	Elective	Tue.3,4,5	College of Engineering (Building A)225	0	Open for both Graduate and Ph.D students	link
1	4456006	01	Intelligent Control (English-taught)	Gwo-Ruey Yu	3 3/0/0	3	Elective	Tue.G,H	College of Engineering (Building A)227	0	Open for both Graduate and Ph.D students	link
1	4456018	01	Seminar I (English-taught)	Guo-En Chang	2 0/0/2	1	Required	Wed.8,9	創新大樓 222	58	Open for both Graduate and Ph.D students	link
1	4456027	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	link
1	4456035	01	Intelligent vision system for robot arm (English-taught)	Wen-Nung Lie	3 3/0/0	3	Elective	Thur.E,F	College of Engineering (Building A)125	0	Open for both Graduate and Ph.D students	link
1	4456040	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 Ph.D students	link
1	4456243	01	Machine Learning and Neural Networks (selected topics) (English-taught)	Norbert Michael Mayer	3 3/0/0	3	Elective	Tue.G,H	College of Engineering (Building A)127	0	Open for both Graduate and Ph.D students	link
1	4456244	01	Advanced Machining Theories and Applications (English-taught)	Juhchin Yang	3 3/0/0	3	Elective	Fri.3,4,5	創新大樓 222	0	Open for both Graduate and Ph.D students	link
1	4456267	01	Special Topic on Computational Geometry Supported Analysis in Manufacturing Application (English-taught)	Yung-Chou Kao	3 3/0/0	3	Elective	Wed.10,11,12	創新大樓 201	0	Open for both Graduate and Ph.D students	link
1	4456270	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	link
1	4456271	01	Introduction to Big Data Analytics	Chung-Hsing Hu	3 3/0/0	3	Elective	Tue.9,10,11	創新大樓 201	10	Open for both Graduate and Ph.D students	link
1	4456274	01	Intermediate	Chun-Pao	3	3	Elective	Wed.10,11,12	College of	0	Open for	link

			Thermodynamics (English-taught)	Kuo	3/0/0				Engineering (Building B)213		Graduate students	
1	4456275	01	Special topic on optics(II) (English-taught)	Guo-En Chang	3 3/0/0	3	Elective	Tue.8,9,10	創新大樓 105	0	Open for both Graduate and Ph.D students	link
1	4458015	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	link