Chung Hua University Department of Information Engineering 111 class Course planning for master's on-the-job special courses

Sorting	First grade		second grade	
Compulsory	**Seminar**	**Seminar**	**Seminar** **Thesis Seminar**	**Seminar** **Thesis Seminar**
Elective	Software Development Practices	Special Topics in Eloctronic Commence	Network Security	Special Topics of Artificial Intelligence
	Database Practices	Advanced Computer Algorithms	Evolutionary Computation	Special Topics on Artificial Intelligence
	Front-end Web Design	operation system	Expert Systems	Optimization Theory
	Web Application Development	Multimedia Systems	Computer vision	Speech Recognition
	Computer Math	Pattern Recognition	Audio Processing	Internet of Things-Therory and Implementation
	Computer Architecture	Video Processing	Wireless Sensor Networks	Digital Learning
	Technical Reading and Writing in English	Color Engineering	Data Mining	
	Internet Protocols	Embedded System		
	Database Systems	Deep Learning		
	Advanced Probability and Statistics			
	Artificial Intelligence			
	Digital Signal Processing			
	Image Processing			
	Electronic Commerce			
	Wireless Networks			
	Fuzzy Theory			
	Neural Networks			
	Machine Learning			

Total credits for graduation: 24 (more than 8 electives: 24 credits or more including 0 credits for book and newspaper discussion: 4 semesters; 0 credits for thesis guidance and research: 2 semesters)

Note:

1. Postgraduates in the master's degree program can select the supervisor of the thesis research after enrollment, and submit the supervisor registration form before the end of the first semester of enrollment at the latest.

2. Elective courses should be opened according to the actual situation of the semester