

National Kaohsiung University of Applied Sciences
 Division of Continuing and Extension Education
 Industrial Engineering and Management Department, College of Engineering
 Curriculum of Part-time Master's Program

Passed at Department Curriculum Committee Meeting on 18 Mar, 2014

Passed at Department Affairs Meeting on 18 Mar, 2014

Passed at College Curriculum Committee Meeting on 4 Apr, 2014

Passed at University Curriculum Committee Meeting on ○○ ○○, ○○

Passed at Academic Affairs Meeting on ○○ ○○, ○○

Year		1st academic year		2nd academic year	
Semester		Semester 1	Semester 2	Semester 1	Semester 2
Required courses		Project discussion (1st)2/2 English scientific reports and writing. 3/3 Statistical method and application3/3	Project discussion (2nd)2/2 Research method3/3		Master thesis 6/6
Elective courses	Human Factors and production manufacturing program	Testing and evaluation of human factors 3/3 Manufacturing strategy 3/3	Analysis and design of human factors3/3 Advanced production scheduling3/3	Cognitive science theory and application3/3 Project of lean production management3/3	
	Statistic quality management and Quantitative decision making program	Statistical process control3/3 Decision sciences3/3	Quality engineering.3/3 Multi-objective programming3/3	Fuzzy theory and application3/3 Project of quality management3/3	
	Industrial management and electronic program	Industrial analysis and innovation3/3 Internet marketing3/3	The analysis of Hi-Tech industry3/3 Enterprise resource planning 3/3	Industrial risk evaluation and management3/3 Supply chain and E-business3/3	
	Service innovation and technology management program	Service science and innovation3/3 Technology transfer and evaluation3/3	Technology and innovation management3/3 Hi-Tech marketing management3/3	Innovative product R&D management3/3 Emerging technology industry3/3	

Remarks:

1. This curriculum is applied to students admitted in Academic Year 104
2. Credit hours of each course (or total) are marked with "credit/hour."
3. Elective courses: the courses listed in the table are planned courses, which will be offered based on practical needs.

II. Requirement for graduation:

1. The minimal credit number for graduation is 38, 19 credits of required courses (including 6 credits of thesis writing and 4 credits of seminars on special topics, based on the semester the thesis is presented), and 19 credits of elective courses.

III. Other requirements set by the department:

1. The students who did not graduate from IEM must take "Introduction to industrial engineering and management0/2" and "Statistics 0/3" and pass the classes before graduation.
2. For other relevant regulations, please refer to the guidelines on part-time studies for master's degree established by the department.