

114-1 Full Curriculum of Da-Yeh University

Information			
Title	Master's Thesis	Serial No./ID	0778 / IFR5092
Required/Credit	Required /3	Time/Place	(Sun)34 / H703
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	Huan-Liang Tsai /Full-time	Graduate Class	Graduating Class
School System /Dept /Class, Grade	/Graduate Institute of Computer Science and Information Engineering /Class 1, Grade 2		
Office Hour / Place	(Mon) 16:20~17:10, (Tue) 08:10~09:00, (Wed) 08:10~09:00, (Wed) 10:10~11:00 / H715		
Lecturer	n.a.		

Introduction

This course is designed for students to complete their master's thesis.

Outline

none

Prerequisite

Depend on each master's thesis

The Relationship Between Courses and Departmental Core Competencies and Basic Skills

-  1.1 Knowledge of computer science and information engineering
-  1.2 Ability to design hardware and integrate system
-  2.1 Ability to apply knowledge of mathematics, science, and engineering to solve the engineering or research problems
-  2.2 Ability to write the report of research projects
-  3.1 Ability to communicate and coordinate effectively
-  3.2 Ability to cooperate supportively with others
-  4.1 Ability to plan and conduct projects
-  4.2 Ability to direct, manage, and schedule projects
-  5.1 Proficiency of foreign languages
-  5.2 Understanding of the current situation and future trend of information research and relevant industries worldwide
-  6.1 Ability to engage in self-learning
-  6.2 Ability to use of library information and the Internet resources

Teaching Plan						
Core Capability	Weight(%) 【A】	Ability index(Performance Indicators)	Teaching Methods	Assessment and Weight	Core Competency Learning Outcomes 【B】	Final Exam Grades 【C=B*A 】
1.1 Knowledge of computer science and information engineering	20	The professional abilities	Student Presentation Lecturing Special Report	Oral Report: 20% Product Manufacturing: 20% Course Participation: 40% Written Report: 20%	Total: 100	20
1.2 Ability to design hardware and integrate system	10	The professional abilities	Lecturing Student Presentation Special Report	Course Participation: 40% Product Manufacturing: 20% Oral Report: 20% Written Report: 20%	Total: 100	10
2.1 Ability to apply knowledge of mathematics, science, and engineering to solve the engineering or research problems	10	The professional abilities	Lecturing Student Presentation Special Report	Course Participation: 40% Product Manufacturing: 20% Written Report: 20% Oral Report: 20%	Total: 100	10
2.2 Ability to write the report of research projects	20	The professional abilities	Lecturing Student Presentation Special Report	Course Participation: 40% Product Manufacturing: 20% Oral Report: 20% Written Report: 20%	Total: 100	20

3.1 Ability to communicate and coordinate effectively	5	The practical abilities	Lecturing Student Presentation Special Report	Course Participation: 40% Oral Report: 20% Product Manufacturing: 20% Written Report: 20%	Total: 100	5
3.2 Ability to cooperate supportively with others	5	The practical abilities	Student Presentation Lecturing Special Report	Written Report: 20% Product Manufacturing: 20% Course Participation: 40% Process of Professional Service: 20%	Total: 100	5
4.1 Ability to plan and conduct projects	5	The practical abilities	Lecturing Student Presentation Special Report	Written Report: 20% Product Manufacturing: 20% Course Participation: 40% Process of Professional Service: 20%	Total: 100	5
4.2 Ability to direct, manage, and schedule projects	5	The practical abilities	Lecturing Special Report	Course Participation: 40% Product Manufacturing: 20% Oral Report: 20% Written Report: 20%	Total: 100	5
5.1 Proficiency of foreign languages	5	The basic abilities	Lecturing Student Presentation Special Report	Oral Report: 20% Product Manufacturing: 20% Course Participation: 40% Written Report: 20%	Total: 100	5

5.2 Understanding of the current situation and future trend of information research and relevant industries worldwide	5	The basic abilities	Lecturing Special Report Student Presentation	Course Participation: 40% Product Manufacturing: 20% Oral Report: 20% Written Report: 20%	Total: 100	5
6.1 Ability to engage in self-learning	5	The basic abilities	Lecturing Student Presentation Special Report	Course Participation: 40% Product Manufacturing: 20% Written Report: 20% Oral Report: 20%	Total: 100	5
6.2 Ability to use of library information and the Internet resources	5	The basic abilities	Student Presentation Lecturing Special Report	Course Participation: 40% Oral Report: 20% Product Manufacturing: 20% Written Report: 20%	Total: 100	5

Grade Auditing

Course Participation: 40%

Product Manufacturing: 20%

Written Report: 20%

Oral Report: 18%

Process of Professional Service: 2%

Book Type (Respect intellectual property rights. Please use official textbooks and do not illegally photocopy others' works.)

Book Type	Book name	Author
Instructor-compiled	科技英文寫作 Writing Research Papers	蔡渙良

Material

Lesson Plan

Weeks	Content	Teaching Methods
1	Syllabus & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda & Gender equality education promotion	Lecturing
2	Thesis architecture	Lecturing、 Student Presentation
3	Thesis architecture	Lecturing、 Student Presentation
4	Thesis architecture	Lecturing、 Special Report
5	Writing for thesis context	Lecturing
6	Writing for thesis context	Lecturing
7	Writing for thesis context	Lecturing
8	Writing for thesis context	Special Report
9	Mid. Exam	Special Report
10	Reading for thechical papers	Lecturing
11	Reading for thechical papers	Lecturing
12	Reading for thechical papers	Lecturing、 Special Report
13	Reading and summarizing for references	Lecturing
14	Reading and summarizing for references	Lecturing
15	Reading and summarizing for references	Lecturing、 Special Report
16	Manuscript practice for thesis preparation	Student Presentation、 Special Report
17	Self-directed Learning & Flexible Teaching/Learning	Flexible Teaching - Independent Action
18	Self-directed Learning & Flexible Teaching/Learning	Flexible Teaching - Independent Action