



## 教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	專案管理	學年/學期 Academic Year/Semester	113/2
課程名稱(英文) Course Name in English	Project Management		
科目代碼 Course Code	CSIEM0470	系級 Department & Year	碩士 Course-Offering Department
開課單位 Department	資訊工程學系		
修別 Type	選修 Elective	學分數/時間 Credit(s)/Hour(s)	3.0/3.0
授課教師 Instructor	/高韓英		
先修課程 Prerequisite			
課程描述 Course Description			
This course covers the essential skills of effective project development and management. The students can prepare their career as a project manager or key member. Advanced research topics and methods will be included.			
課程目標 Course Objectives			
探討專案管理之主要流程，及相關管理知識領域，以培養專案經理人之基本素養。Study the key processes of project management, knowledge body of project management and related management methods.			
系專業能力 Basic Learning Outcomes			課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.'s Education Objectives
A	統合資工知識技術之能力Ability to integrate knowledge and technologies of computer science and information engineering.	●	
B	設計技術理論驗證實驗之能力Ability to design and conduct science experiments and to validate hypotheses.	○	
C	資訊軟硬體設計開發之能力Ability to design and develop computer software and hardware.	●	
D	團隊專案開發之能力Ability to design and develop team projects.	●	
E	批判性思考與創新研發之能力。Ability of analytical thinking, creative research planning, and innovative development.	○	
圖示說明Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated			
授課進度表 Teaching Schedule & Content			
週次Week	內容 Subject/Topics	備註Remarks	
1	Introduction to project management	2/21	
2	*Break	2/28	
3	The Project Management Process Groups: A Case Study	3/7	
4	The Project Management and Information Technology Context	3/14	
5	Project Integration Management.	3/21	
6	Project Scope Management.	3/28	

7	*Break	4/4
8	Project Time Management	4/11
9	期中考試週 Midterm Exam	4/18
10	Optimization in Project management	4/25
11	Optimization in Project management	5/2
12	Project Cost management	5/9
13	Project Quality Management	5/16
14	Project Risk management	5/23
15	*Break	5/30
16	Term Presentation	6/6
17	期末考試週Term Presentation	6/13
18	教師彈性補充教學 **	

教學策略 Teaching Strategies

- 課堂講授 Lecture
  分組討論 Group Discussion
  參觀實習 Field Trip  
 其他 Miscellaneous:

教學創新自評 Teaching Self-Evaluation

創新教學(Innovative Teaching)

- 問題導向學習(PBL)
  團體合作學習(TBL)
  解決導向學習(SBL)  
 翻轉教室 Flipped Classroom
  磨課師 Moocs

社會責任(Social Responsibility)

- 在地實踐 Community Practice
  產學合作 Industry-Academia Cooperation

跨域合作(Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching
  跨院系教學 Inter-collegiate Teaching

- 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

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學期成績計算及多元評量方式 Grading & Assessments									
配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	10%	✓	✓	✓	✓				
期中考成績 Midterm Exam	20%	✓			✓				
期末考成績 Final Exam	30%			✓	✓				
作業成績 Homework and/or Assignments	40%	✓	✓	✓	✓				
其他 Miscellaneous (_____)									
評量方式補充說明 Grading & Assessments Supplemental instructions									
教科書與參考書目 (書名、作者、書局、代理商、說明) Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)									
<p>◎ Erik W. Larson, et al. Project Management: A Socio-Technical Approach (2024 Release)/9版 (華泰代理)</p> <p>◎ Kathy Schwalbe, Information Technology Project Management, 7/e, Cengage Learning, January 2013 (滄海代理)</p> <p>◎ Mario Vanhoucke, Project Management with Dynamic Scheduling, Springer eBooks, available on-line from NDHU Library</p> <p>◎ Wang, John (editor), Project management techniques and innovations in information technology, IGI Global, 2012, available on-line from NDHU Library</p> <p>◎ 許秀影, 專案管理基礎知識與應用實務(第七版), 中華專案管理學會</p> <p>◎ 劉文良, 專案管理--結合實務與專案管理師認證(第二版), 2012, 基峰</p> <p>◎ 呂昆鴻、廖祐鋒、洪沛然譯, PMP專案管理認證手冊 5/e (Kim Heldman, PMP: Project Management Professional Exam Study Guide 5/e), 2010, 基峰</p> <p>◎ 何霖譯, 軟體專案管理--軟體專案管理者邁向敏捷式的橋樑 (The Software Project Manager's Bridge to Agility), 2009, 基峰</p>									
課程教材網址(含線上教學資訊, 教師個人網址請列位於本校內之網址) Teaching Aids & Teacher's Website(Including online teaching information. Personal website can be listed here.)									
* Please join the distance learning class via <a href="https://meet.google.com/qht-hjoz-rgr">meet.google.com/qht-hjoz-rgr</a> 請以東華大學之帳號登入 You may check 東華e學苑 for more details.									
其他補充說明 (Supplemental instructions)									