

國立東華大學資訊管理學系教學大綱 (Fall 2024)

2024/9/12 修訂 (v1)

- Course No. IM_50190 / BM_84000 Course Time: Fri. 9:10~12:00 A.M.
- Course Name: 資訊系統發展與管理 (Information Technology Project Management)
- Instructor: 江志卿 (Jerry C. Chiang) Contact: jerry@gms.ndhu.edu.tw, ext. 5115, 3114
- Location: 管 C210 Office Hour: Fri. 12:10-2:00 p.m., by appointment
- Objectives: The future of many organizations depends on their ability to harness the power of information technology (IT), and good project managers continue to be high demand. The purpose of this course is responded to this call for issues by introducing and analyzing essential concepts and elements of IT project management, helping develop effective IT project managers and project teams. This course aims to develop students' competence in concepts, skills, tools, and techniques involved in IT project management, as well as in learning how to conduct a successful IT project to help businesses problem solving and improve their competitive advantages.
- Textbook: Schwalbe, K., 2019. *Information Technology Project Management*. 9th ed. Course Technology, Cengage Learning. (滄海書局，趙竣，04-2708-8787)
- References:
1. Larson, E.W., and Gray, C.F., 2020. *Project Management: The Managerial Process*. 8th ed. McGraw Hill.
 2. Valacich, J.S., and George, J.F., 2020. *Modern Systems Analysis and Design*. 9th ed. Pearson FT Press.
- Selected Papers:
- S1. Espinosa, J. A., Nan, N., and Carmel, E. 2015. Temporal distance, communication patterns, and task performance in teams. *Journal of Management Information Systems*, 32(1), 151-191.
 - S2. Dennis, A.S., Barlow, J.B., and Dennis, A.R., 2022. The Power of Introverts: Personality and Intelligence in Virtual Teams, *Journal of Management Information Systems*, 39 (1), 102-129.
 - S3. Magni, M., Ahuja, M. K., and Maruping, L. M. (2018). Distant but fair: Intra-team justice climate and performance in dispersed teams. *Journal of Management Information Systems*, 35(4), 1031-1059.
 - S4. Kudaravalli, S., Faraj, S., and Johnson, S. L. 2017. A Configural Approach to Coordinating Expertise in Software Development Teams. *MIS Quarterly*, 41(1).
 - S5. Ramasubbu, N., Bharadwaj, A., and Tayi, G.K., 2015. Software process diversity: Conceptualization, measurement, and analysis of impact on project performance, *MIS Quarterly*, 39 (4), 787-807.
 - S6. Liu, D., Santhanam, R., and Webster, J., 2017. Toward meaningful engagement: A framework for design and research of gamified information systems, *MIS Quarterly*, 41 (4), 1011-1034.
 - S7. Venkatesh, V., and Goyal, S., 2022. Impact of an Enterprise System

Implementation on Job Outcomes: Challenging the Linearity Assumption, *Journal of Management Information Systems*, 39 (1), 6-40.

- S8. Aral, S., Brynjolfsson, E., Gu, C., Wang, H., and Wu, D.J., 2024. Understanding the Returns from Integrated Enterprise Systems: The Impacts of Agile and Phased Implementation Strategies, *MIS Quarterly*, 48 (2), 749-774.
- S9. Pflugner K., Maier, C., Thatcher, J.B., 2024. Deconstructing Technostress: A Configurational Approach to Explaining Job Burnout and Job Performance, *MIS Quarterly*, 48 (3), 679-698.

Grading: Grading evaluation is based on

1. Term paper* (45%): turn in a 3-page proposal by Nov. 22
2. Homework (20%)
3. Midterm Exam. (15%)
4. Presentation / Review (10%)
5. Class participation / Q & A (10%)

* The turn-in term paper should not less than 20 pages, consisting of research background, literature review, model development, and references.

Outline:

Week	Topic	Tentative Schedule
01 Sep. 13	Course Overview	
Foundation Concepts		
02 Sep. 20	Introduction to Project Management (I)	Chap. 1
03 Sep. 27	Introduction to Project Management (II)	Chap. 1
04 Oct. 04	The Project Management and Information Technology Context (I)	Chap. 2
05 Oct. 11	The Project Management and Information Technology Context (II)	Chap. 2, S1
Elements of ITPM		
06 Oct. 18	The Project Management Process Groups: A Case Study (I)	Chap. 3, S2
07 Oct. 25	The Project Management Process Groups: A Case Study (II)	Chap. 3, H1
08 Nov. 01	The Project Management Process Groups: A Case Study (III)	Chap. 3, S3
09 Nov. 08	[Midterm Exam]	
10 Nov. 15	Project “Integration” Management (I)	Chap. 4, S4, H2
11 Nov. 22	[Proposal Presentation]	
12 Nov. 29	Project “Integration” Management (II)	Chap. 4, S5
13 Dec. 06	Project “Scope” Management	Chap. 5, S6, H3
14 Dec. 13	Project “Time” Management	Chap. 6, S7
15 Dec. 20	Project “Human Resource” Management (I)	Chap. 9, S8, H4

Note. S: Selected papers; H: Homework / Assignment

Please prepare a 10 minutes short presentation for each assignment (H), and 25-30 minutes for paper presentation.

The lecturer reserves the right to amend the contents of syllabus.

