ISOM 3010 - Information Systems Project Management
Spring 2022

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Class Schedule:

Lecture

Section	Date	Time	Venue
L1	Mon. / Wed.	9:00am ~ 10:20am	Rm. 1410 Zoom: 947 4767 9023

* You are highly recommended to join the class via Canvas → Zoom Meeting tab.

Course Website: https://canvas.ust.hk. All course materials and announcements will be posted on this site. You are advised to check it regularly throughout the course.

COURSE DESCRIPTION

Nearly every company executes projects – construction projects, software development projects, new drug approvals etc. The successful management of these projects requires some application specific and industry knowledge. At the same time, there are some common skills needed to successfully manage these projects – no matter what the application area or industry. The course focuses on these common skills, knowledge and tools that are needed by all project managers to successfully manage a project with a specific focus on Information Systems projects. Topics include investment decisions, resource planning, cost planning, scheduling, earned value management, and risk assessment and control.

COUSE INTENDED LEARNING OUTCOMES

- Analyze the core issues in Information Systems project management and identify critical success factors
- Solve several project management problems with appropriate tools and techniques
- Compare and contrast different project management methodologies
- Identify the major project deliverables and when they are due

COURSE GRADING POLICY

The grade for the course will be based on the following weight:

Components	Percentage of the grade
A. Class Participation	10%
B. Case Write-up (5)	20%
C. Assignment (1)	10%
D. Midterm Exam	30%
E. Project - Report (20%) - Presentation (10%)	30%
TOTAL:	**100%**

A. Class Participation

Participation will be judged based on your contributions to in-class discussions. Your scores would depend on the quality of the comments made and the value added to the discussion. Attendance in class will not contribute towards class participation.

B. Case Write-Up

Case write-up will be judged based on your answers to five case question(s) that you will enter on canvas before coming to corresponding lectures. The case write-ups will be judged on clarity of response, and supporting arguments provided.

C. Assignment

There is **ONE INDIVIDUAL** assignment, for which you will use MS Project, the industry recognized software tool, to explore practical project management problems.

D. Mid-Term Exam

The midterm is a closed book & closed notes exam. It will be based on material that was covered during the course. The exam will not require you to use MS Project. The exam will have multiple choice, T/F, essay type & short case study questions. Examples of questions that can appear on the exam will be provided.

E. Project

You will apply what you have learnt in the course to an Information Systems Project. You will work in groups of ~ 4. Each team needs to submit a project report and make a presentation by the end of the semester. A peer evaluation will be conducted to determine the final grade an individual member will receive. More details about the project will be provided later.

Late policy

Turn in your work early if there is any uncertainty about your ability to turn it in at the due time. Submissions up to 24 hours late will have their grade reduced by 25%; those up to 48 hours late will have their grade reduced by 50%. They will not be accepted for credit after two days.

Make-up policy

There will be no make-up exams except due to extraordinary circumstances beyond your control such as medical emergencies. Students have to submit appropriate documentation issued by a registered medical practitioner in order to be considered for a make-up exam.

COURSE MATERIAL

- Reference Book (optional): "Project Management: The Managerial Process", Larson & Gray, 7th Edition.
- Short cases/articles etc. to be provided in class.

SOFTWARE

- Microsoft Project

OTHERS

Zoom Etiquette

- Turning on your camera would be most appreciated. Your facial expressions and gestures are important sources of cues that could help me know what you have learned or what you have trouble with, so I could adjust my teaching accordingly.
- Please rename your display name to the name you want the instructors and TAs to address you. You do not need to put your SID as your display name.
- **As a matter of respect, you should find a quiet place to take the class, instead of, but not limited to, on a bus, in a restaurant, places which are distracting.**

Learning Environment

We welcome feedbacks on our teaching throughout the semester. You are encouraged to contact me or the TA any time you have any questions, suggestions, concerns, or would like to ask for advice.

CLASS SCHEDULE (*Updated on March 7. Note the lecture schedule are tentative and subject to change without notice*)

Week	Lecture (Monday and Wednesday)	Reading	Deliverables (Check canvas for exact deadlines)
1	Feb 7: Course Introduction Project Management Relevance Feb 9: Projects & Project Management Projects and Organization Structure Project Management Framework	Case: The Fate of the Vasa	Case Write-up 1

2	Feb 14: Case discussion: Vasa
	Project Initiation I:
	   - Project Selection Importance
	   - Project Selection Process
	
	Feb 16: Project Initiation II:
	   - Project selection models
	   - Project Charter
	   - Case Example of Project Selection
		Case: Volkswagen of America: Managing IT Priorities	Case Write-up 2

3	Feb 21: Case discussion: Volkswagen
	Project Scope Planning:
	   - Collecting Requirements
	
	Feb 23: Project Time Planning I:
	   - Defining & Sequencing Activities
	   - Scheduling Tools
		Case: Omega Research Institute	Case Write-up 3

4	Feb 28: Case discussion: Omega Research
	Project Time Planning II:
	   - Estimating Activities
	
	Mar 2: Project Time Planning III:
	   - Critical Path Method
	Collaborative origami
	
	* Project Group Formation Due: Feb 28 (Monday)		

5	Mar 7: Project Time Planning III:
	   - Resource Leveling
	
	Mar 9: Project Time Planning IV:
	   - Program Evaluation Review Technique		

6	Mar 14: Introduction to Microsoft Project			
	Mar 16: Lab 1: MS Project Exercise			
7	Mar 21: Critical Chain Project Management			Assignment Release
	Mar 23: Project Cost Planning Project Risk Planning			
8	Mar 28: **MIDTERM EXAM**	Case: Teradyne Corporation: The Jaguar Project	Case Write-up 4	
	Mar 30: Project Monitoring & Quality Control Earned Value Management			
	* Project Topic Selection & Approval Due: Mar 18 (Friday)			
9	Apr 4: Information Systems Implementation Integrative Change Control			
	Apr 6: Lab 2: MS Project Exercise			
10	Apr 11: Project HR & Communications Planning	Case: CISCO ERP Implementation	Assignment Due	
	Apr 13: **Mid Term Break**			
11	Apr 18: **Mid Term Break**		Case Write-up 5	
	Apr 20: Case Discussion: CISCO Project Closing			
12	Apr 25: Agile Project Management I			
	Apr 27: **Project Consultation**			
13	May 2: **Public Holiday**			

	May 4:	Agile Project Management II			6	P a g e
	* Project Presentation Slides/Video Due: May 8 (Sunday)					
14	May 9:	*Public Holiday*				
	May 11:	**Project Presentation**				
	* Project Report Due: May 15 (Sunday)					