

IS4532: GLOBAL PROJECT MANAGEMENT

Effective Term

Semester A 2022/23

Part I Course Overview

Course Title

Global Project Management

Subject Code

IS - Information Systems

Course Number

4532

Academic Unit

Information Systems (IS)

College/School

College of Business (CB)

Course Duration

One Semester

Credit Units

3

Level

B1, B2, B3, B4 - Bachelor's Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

IS4500 Information Systems Project Management

Exclusive Courses

IS4530 Project Management & Requirements Analysis; MS3125 Business Project Management; and MS4109 Project Management

Part II Course Details

Abstract

More and more companies conduct business over the Internet. This requires professionals to manage projects across different regions and countries. Through acquiring the good practices in global project management, project managers are more likely to deliver projects on time and within budget. This course follows the Project Management Body of Knowledge (PMBOK®) from Project Management Institute (PMI) and covers all the knowledge areas expected from a project manager who needs to manage a global project. This course aims to introduce the basic concepts, knowledge, tools and techniques of project management. It focuses on global projects with modern information systems. Upon completion of the course, students are expected to be able to plan and manage projects in a globalized business environment.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Describe the structure of project management and the project life cycle. Discuss organizational and environmental factors affecting the planning and execution of global IS projects.	25	x		
2	Explain the terms, skills, tools and techniques of project management, drawing examples from local and global IS projects.	40	x		
3	Discover how to apply project management and outsourcing concepts by working on an information systems group project.	25		x	
4	Apply project management software to help plan and manage an information systems project.	10	x		

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Teaching and Learning Activities (TLAs)

TLAs	Brief Description	CILO No.	Hours/week (if applicable)
1	TLA1:Lecture	Concepts on project management and outsourcing, especially the management of IT/IS projects, and the skills and techniques required for a project manager are explained by the instructor.	1, 2, 3, 4 Lecture:2 Hours/Week Workshop:1 Hour/Week

2	TLA2:Demonstrations	How the project management skills and techniques and how a project management software can be used are demonstrated.	2, 4	Lecture:2 Hours/Week Workshop:1 Hour/Week
3	TLA3:Practical/ Workshop:	Hands-on skills on applying the theories, skills and techniques taught in lectures have to be practiced by students in workshops.	2, 3, 4	Lecture:2 Hours/Week Workshop:1 Hour/Week
4	TLA4:Case Studies	Real-life cases are used to help the students appreciate the importance of proper project management on IT/IS projects.	1, 2, 3, 4	Lecture:2 Hours/Week Workshop:1 Hour/Week
5	TLA5:Discussions	This allows students to do reflections, raise questions and discuss among themselves on lecture and tutorial materials.	1, 2, 3, 4	Lecture:2 Hours/Week Workshop:1 Hour/Week

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	AT1:Class and Tutorial Participation This will reflect the students' participation in classes, tutorial sessions and discussions. Students are encouraged to attend those sessions and actively participate in discussions. This is an individual mark.	1, 2, 3, 4	5	
2	AT2:Quiz There will be one to two quiz papers taken in the middle of the term to test the understanding of the students half way through the course. This is an individual mark.	1, 2, 3	10	

3	AT3:Group ProjectThis is a group project to let students discover how to apply the project management skills and techniques learnt in class to solve practical problems. The project includes the following components:10%: An interim group report that describes the background of the project, the scope of the work and the work breakdown structure.15%: A final group report that covers the project schedule, cost estimate, risk factors, quality assurance plan and the outsourcing plan.10%: Project presentation.	1, 2, 3, 4	35	
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Continuous Assessment (%)

50

Examination (%)

50

Examination Duration (Hours)

2

Assessment Rubrics (AR)**Assessment Task**

AT1:Class and Tutorial Participation

Criterion

CILO1-5 Ability to demonstrate actively participate in class and tutorial sessions and discussions and often ask and answer questions.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT2:Quiz

Criterion

CILO1 - 3Ability to demonstrate an in-depth understanding on what project management and outsourcing are and their associated skills and techniques.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT3:Group Project

Criterion

CILO1-5 (10% based on interim report15% based on final report)Ability to demonstrate good understanding of the basic concepts on project management and outsourcingCapability to demonstrate in-depth thought and research has been made in discovering how to apply the skills and techniques learnt in class to the projectAbility to demonstrate the report has covered all the specified requirementsAbility to demonstrate the report is well-structured, well-written and well presented.Ability to demonstrate peer evaluation report reflects at least an average contribution ratio.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT3:Group Project

Criterion

CILO2 - 4 (5% based on group presentation)Ability to demonstrate the presentation is well-structured and presented in a logical sequence. Time control is good. PowerPoint slides are of high quality.Ability to demonstrate the team is able to tackle all/most of the questions raised.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT3:Group Project

Criterion

CILO1 - 4 (5% based on individual performance in presentation)Ability to demonstrate excellent presentation skills and language skillsAbility to demonstrate appropriate use of visual aids in presentation.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT4:Examination

Criterion

CILO1 Evidence of good understanding of the project management framework and the project life cycle.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT4:Examination

Criterion

CILO2 Ability to demonstrate accurately explain all/most key concepts; and demonstrate a thorough understanding of all/most of the terms, skills and techniques.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT4:Examination

Criterion

CILO3 Ability to demonstrate an understanding of what IT outsourcing is and how it should be done.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Assessment Task

AT4:Examination

Criterion

CILO4 Ability to demonstrate the ability to apply all/most of the skills and techniques learnt to the management of IT/IS projects.

Excellent (A+, A, A-)

High

Good (B+, B, B-)

Significant

Fair (C+, C, C-)

Moderate

Marginal (D)

Basic

Failure (F)

Not even reaching marginal levels

Part III Other Information

Keyword Syllabus

Project management and the organizational context; Software development life cycle; Traditional and Agile project management; Project Charter; Project scope, time, cost, quality, global human resources, communication, stakeholders and risks management; Global project management; IT project outsourcing; Considerations for overseas outsourcing; Project selection methods; Work breakdown structures; Network diagrams; Critical path analysis; Earned value management; Expected monetary value; Software for project management; Case studies on global projects.

Reading List**Compulsory Readings**

	Title
1	Kathy Schwalbe, Information Technology Project Management, 9th edition, 2019. ISBN: 1-337-10135-4.

Additional Readings

	Title
1	David Olson, Information Systems Project Management, Dec 2014. ISBN: 1631571222 .
2	Jack T. Marchewka, Information Technology Project Management: Providing Measurable Organizational Value, Feb 2016. ISBN: 1118911016.
3	Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, 2018. ISBN:1628251840.

4	Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition, 2021. ISBN: 1628256648.
5	Eric Verzuh, The Fast Forward MBA in Project Management, 5th edition, 2016. ISBN: 978-1-119-14822-7.