IS4938: INFORMATION SYSTEMS PROJECT II

Effective Term
Semester A 2022/23

Part I Course Overview

Course Title
Information Systems Project II

Subject Code
IS - Information Systems
Course Number
4938

Academic Unit
Information Systems (IS)

College/School
College of Business (CB)

Course Duration
Non-standard Duration

Other Course Duration
(minimum 160 hours)

Credit Units
3

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

Medium of Instruction
English

Medium of Assessment
English

Prerequisites
IS4937 Information Systems Project I

Precursors
Nil

Equivalent Courses
Nil

Exclusive Courses
IS4931 Information Management Development Project

Part II Course Details

Abstract

This course aims to equip students with knowledge and skills to apply IS methodologies to solve business problems. Students will learn how to initiate a project, conduct literature reviews and benchmark analysis, implement an IS project, and write a project report for their internship, consulting and research projects It is to enhance student's practical skills in managing projects in a business information systems environment. Furthermore, students' skills in effective communication, individual and team work, time management, data analysis and reporting, and creative problem solving will be trained in the real-world and evaluated for improvement. Students taking this course should have completed IS4937 and should already possess a fair amount of practical experience in the application, consultancy and/or research of information systems in a business setting.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Conduct an information systems project in a business setting in the form of internship, consulting or research projects.	20	x	x	
2	Demonstrate the attitude and ability to apply various design methodologies to model user requirement and propose innovative business solutions.	20	x	x	
3	Demonstrate creative problem solving skills in developing detailed business solutions.	20	x	x	
4	Apply the concepts and techniques of project management to initiate, plan, execute, control and close information systems development or management projects.	20	x	x	x
5	Exercise good communication and interpersonal skills in eliciting user requirements and in presenting detailed business solutions.	20		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:Field Study	Students will spend reasonable amount of time at real-world organisations to observe, analyse, and document the socio-technical problems associated with the implementation or management of business information systems. In addition, students will propose appropriate business solutions to address the business challenges of the real-world organisations.	1, 2, 3, 4, 5	
2	TLA2:Case Study	Students will observe, analyse, and document the socio-technical problems associated with the implementation or management of business information systems based on the information given by some real-world organisations.	1, 2, 3, 4, 5	
3	TLA3:On-Line Discussion	It is a means of self-reflection and sharing of concepts, techniques, and methods associated with the implementation or management of business information systems.	2, 3, 4, 5	
4	TLA4:Seminar	Students will discuss their findings and the detailed designs of some business solutions with fellow students and the project supervisors.	2, 3, 4, 5	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	AT1.Project DiaryA self-reflection of the problems encountered and the insights developed by individual students during the course of their project study.	1, 2, 3, 4, 5	20	

2	AT2.Project Report A formal documentation of how an IS project is conducted, the socio-technical issues observed from the targeted business environment, and the detailed IS solutions to address the specific business problems.	1, 2, 3, 4, 5	60	
3	AT3.Project Presentation A formal presentation to communicate the business problems identified and the detailed design of the business solution to the project supervisors.	1, 2, 3, 5	20	

Continuous Assessment (%)

100

Examination (%)

0

Assessment Rubrics (AR)

Assessment Task

AT1.Project Diary

Criterion

Ability to thoroughly identified and analysed the socio-technical issues of the problem domain

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

AT1.Project Diary

Criterion

Ability to synthesis sound system design methodologies and applied to develop the detailed design of a business solution

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
AT1.Project Diary

Criterion
Ability to creatively develop the detailed design of a business solution based on the characteristic of the given business problem

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
AT1.Project Diary

Criterion
Ability to demonstrate sound project management methodology is thoroughly and creatively applied to drive the consulting project

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
AT1.Project Diary

Criterion
Ability to integrate communication skills so that ideas are communicated in the most cost-effective way

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.Project Report

Criterion
Ability to thoroughly identified and analysed the socio-technical issues of the problem domain

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.Project Report

Criterion

Ability to synthesis sound system design methodologies and applied to develop the detailed design of a business solution

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.Project Report

Criterion

Ability to creatively develop the detailed design of a business solution based on the characteristic of the given business problem

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.Project Report

Criterion

Ability to demonstrate sound project management methodology is thoroughly and creatively applied to drive the consulting project

Excellent (A+, A, A-)

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Good (B+, B, B-)
Significant

Fair (C+, C, C-)
Moderate

Marginal (D)
Basic

Failure (F)
Not even reaching marginal levels

Assessment Task
AT2.Project Report

Criterion
Ability to integrate communication skills so that ideas are communicated in the most cost-effective way

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.Project Presentation

Criterion
Ability to thoroughly identified and analysed the socio-technical issues of the problem domain

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.Project Presentation

Criterion

Ability to synthesis sound system design methodologies and applied to develop the detailed design of a business solution

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.Project Presentation

Criterion

Ability to creatively develop the detailed design of a business solution based on the characteristic of the given business problem

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.Project Presentation

Criterion

Ability to integrate communication skills so that ideas are communicated in the most cost-effective way

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

IS Consultancy, IS Research, Artificial Intelligence, Big Data, Cloud Services, System Analysis and Design, IS Project Management

Reading List

Compulsory Readings

	Title
1	Nil

Additional Readings

	Title
1	There is no formal reading list for this course.