

**DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY
COURSE OUTLINE**

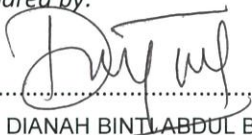
1	NAME OF COURSE	INTEGRATED PROJECT
	COURSE CODE	DFT50114
2	SYNOPSIS	INTEGRATED PROJECT course will give students the practical and design experience of carrying out an independent application software or technical project from project requirements, implementation, testing to delivery and presentation of the project. The course requires students to learn new technologies and encourage student to develop their generic skills such as developing teamwork, project management, communication skills, problem solving skills and technical writing skills. This will inculcate independent and life-long learning
3	CREDIT VALUE	4
4	PREREQUISITE/	ALL COMMON CORE SUBJECT
	CO-REQUISITE (IF ANY)	
5	COURSE LEARNING OUTCOMES (CLO): Upon completion of this course, students should be able to:	
	CLO1	Construct an end product to be used in the project's maintenance and future expansion. (P4, PL03)
	CLO2	Demonstrated a high level of communication, interaction and proficiency to achieve a productive project. (A3, PL04)
	CLO3	Perform leadership and team management skills effectively to manage issues in project development cycle. (A2, PL05)
	CLO4	Relate professional career goals in project development that lead to local or region wide communities building. (A4, PL07)
	PROGRAMME LEARNING OUTCOMES (PLO): PLO3: Display Information and Communication Technology (ICT) skill in performing diagnostic and documenting processes in ICT related fields. PL04: Demonstrate effective communication both orally and in writing to others including peers, experts and non-experts. PL05: Demonstrate social skills and responsibilities by taking alternate role as a leader or member of a diverse team. PLO7: Demonstrate entrepreneurial and good managerial skills in working environment.	
6	ASSESSMENT METHOD: The course assessment consists of:	
	i. Continuous Assessment (CA) – 70% Continuous assessment is carried out throughout the semester and comprises the following: a. Project Demonstrations (3) - 35% b. Proposal Demonstrations (1) - 10% c. Technical Report (1) - 15% d. Log Book (1) - 10%	
	ii. Final Examination (FE) – 30% Final assessment is carried out at the end of the semester. *Note: 1. Students should pass both Continuous Assessment and Final Examination / Final Assessment for this course. 2. Pass should imply that the examiner must be satisfied that the student has met all learning outcomes of the course. 3. Refer to Assessment Table for the details. 4. The of Continuous Assessment Weightage may vary depends on programs	

7	TEACHING SCHEDULE:				
	Topic No.	Topic/Content	Recommended Contact Hours	Assessment Method	Week
	1.0	PROJECT PROPOSAL This topic covers the preparation of project plan and project design.	L: 03:00 P: 16:30 A: 01:10	Proposal Demonstration Project Demonstration 1	W1-W4
	2.0	PROJECT DEVELOPMENT This topic introduces the requirement and design specification, hardware or software configurations. It also covers the problem specification and design development.	L: 16:00 P: 15:00 A: 00:40	Project Demonstration 2	W5-W11
	3.0	DELIVERABLES This topic introduces the deliverables, project documentation and final project to students.	L: 09:00 P: 08:00 A: 00:40	Project Demonstration 3 Technical Report (T1-T3) Log Book (T1-T3)	W11-W14
Note : L = Lecture, P = Practical, A = Assessment					
8	REFERENCES		Main: - Nelson. R. R. (2020). It Project Management: Lessons Learned from Project Retrospectives 1999-2020 (Foundations and Trends(r) in Information Systems) Paperback. Now Publishers. (ISBN: 1680837761) - Darrel. R., Saraj. E., & Steve. E. (2020). Doing Agile Right:Transformation Without ChaosHardcover. Harvard Business Review Press. (ISBN: 163369870X) Additional: - Cicala. G. (2019). Project Management Using Microsoft Project 2019: A Training and Reference Guide for Project Managers Using Standard, Professional, Server, Web Application and Project Online for Office 365 Paperback. Independently published. (ISBN: 1077679432) - Schwalbe. K. (2018). Information Technology Project Management 9th Edition. Cengage Learning. (ISBN: 9781337101356)		

RULES:

1. Attendance is compulsory for every student. Students are required to have at least 80% attendance.
2. Punctuality is essential. Every student is required to be in the lecture hall/ lecture room/ workshop at least 5 minutes before class starts.
3. Students should submit all quizzes and assignments on time.
4. All students must take part in every exercise/ task in class. Plagiarism and cheating will be severely dealt with.
5. Students should appropriately conduct themselves following the policies and guidelines of the polytechnic.

Prepared by:



(SITI DIANAH BINTI ABDUL BUJANG)

Date: 07/07/2025

Verified by:



(AKHMAL KHALIS BINTI MOHAMAD ISA)
Ketua Program Diploma Teknologi Maklumat
Penyerasan Perisian Aplikasi
Jabatan Teknologi Maklumat dan Komunikasi
Politeknik Sultan Idris Shah

Date: 07/07/2025

This course is applicable until the amendment of the curriculum or the change of head of department/head of program/head of unit.

