POLITEKNIK MALAYSIA
Muadzam Shah

JABATAN/ *DEPARTMENT OF* MECHANICAL
RANGKA KURSUS/ *COURSE OUTLINE/SSG*

1.	NAME OF COURSE	PROJECT 1
	COURSE CODE	DJJ 40182 Version: 230419_3_Effective: Session_1_2021/2022
2.	SYNOPSIS	PROJECT 1 provides students with solid foundation on knowledge and skills in formulating project proposal preparation, writing and presentation.
3.	CREDIT VALUE	2
4.	PREREQUISITE/ CO-REQUISITE (IF ANY)	None
5.	COURSE LEARNING OUTCOMES (CLO): Upon completion of this course, students should be able to:	
	CLO1	Identify the engineering problems to be solved. (C4,PLO2)
	CLO2	Analyze methods to solves problems. (C4,PLO7)
	CLO3	Propose a solution to problems. (A3,PLO11)

PROGRAMME LEARNING OUTCOMES (PLO):

PLO 2: Identify and analyse well defined engineering problems reaching substaintiated conclusions using codified methods of analysis specific to their field of activity.

PLO 7: Understand and evaluate the sustainability and impact of engineering technician work in the solution of well-defined engineering problems in societal and environments contexts.

PLO 11: Demonstrates knowledge and understanding of engineering management principles and apply these to one's own work as a member or leader of a technical team and to manage projects in multidisciplinary enviroments.

6. ASSESSMENT METHOD:

The course assessment consist of:

i. Continuous Assessment (CA) – 50%

Assessment	Quantity	Percentage (%)
Presentation	1	20%
Report	1	40%
Log Book	1	40%

7. TEACHING SCHEDULE:

Topic No.	Topic/Content	Recommended Contact Hours	Assessment Method	Week
1.0	PROJECT INTRODUCTION	5 hours Lecture	Discussion	W1 - W2
2.0	DEFINE PROBLEM STATEMENT	6 hours Lecture	Discussion	W3
3.0	LITERATURE REVIEW	6 hours Lecture	Discussion	W4- W5
4.0	PROJECT METHODOLOGY	6 hours Lecture	Discussion	W6 – W11
5.0	EXECUTION OF PROJECT	4 hours Lecture	Discussion	W12 – W14

8. REFERENCES

Main :

1. Jabatan Pengajian Politeknik (2016). Buku Panduan Projek Pelajar (Program Diploma) Politeknik Malaysia. (ISBN 978-967-0823-23-2)

Additional :

1. Thomas G. (2017). How to DO Your Research Project: A Guide For Student 3rd Edition. Great Britain : Sage Publication.

Prepared by:

syaifulhidzir

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PENSYARAH
JABATAN KEJURUTERAAN MEKANIKAL
POLITEKNIK MUADZAM SHAH

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(Tandatangan dan Nama Penyelaras Kursus)

Date : 02/02/2024

Verified by :

MUHAMAD SYIRAZI BIN SUHAIMI
Ketua Program
Diploma Kejuruteraan Mekanikal
(Rekabentuk Produk)
Politeknik Muadzam Shah
Pahang Darul Makmur

……
(Tandatangan dan Nama TPA/KJ/KPro/KK)

Date : 2.2.24