



TEACHING PLAN

FAKULTI TEKNOLOGI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

BACHELOR DEGREE PROJECT I

BEEU3764

SEMESTER 1

SESSION 2022/2023

1.0	DESCRIPTION	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">LO</th> <th style="width: 45%;">Description</th> <th style="width: 30%;">Program</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>LO01</td> <td>Evaluate appropriate methodologies for successful execution of the project [PO3][SK5][SP1, SP2, SP3, SP4, SP7][C5].</td> <td>BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ</td> <td></td> </tr> <tr> <td>LO02</td> <td>Imitate appropriate existing concepts in engineering technology fields [PO4][SK8][SP1, SP2, SP4][P3].</td> <td>BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ</td> <td></td> </tr> <tr> <td>LO03</td> <td>Explain the project execution and findings in oral and written forms effectively [PO10][TA1, TA2, TA5][A3].</td> <td>BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ</td> <td></td> </tr> <tr> <td>LO04</td> <td>Relate previous works and relevant theories using various resources [PO12][A4].</td> <td>BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ</td> <td></td> </tr> <tr> <td>LO05</td> <td>Propose and manage project using appropriate ideas and resources [PO11][A5].</td> <td>BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ</td> <td></td> </tr> </tbody> </table>			LO	Description	Program		LO01	Evaluate appropriate methodologies for successful execution of the project [PO3][SK5][SP1, SP2, SP3, SP4, SP7][C5].	BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ		LO02	Imitate appropriate existing concepts in engineering technology fields [PO4][SK8][SP1, SP2, SP4][P3].	BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ		LO03	Explain the project execution and findings in oral and written forms effectively [PO10][TA1, TA2, TA5][A3].	BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ		LO04	Relate previous works and relevant theories using various resources [PO12][A4].	BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ		LO05	Propose and manage project using appropriate ideas and resources [PO11][A5].	BEEA,BEEC,BEEE,BEEI,BEET,BEY,BEEZ	
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2.0	SYNOPSIS	<p>THE STUDENT NEEDS TO PLAN AND IMPLEMENT THE PROJECT INDIVIDUALLY THAT RELATED TO THE RESPECTIVE ENGINEERING TECHNOLOGY FIELD. THE STUDENT SHOULD IMPLEMENT A PROJECT, DO THE ANALYSIS AND APPLY THE THEORY TO SOLVE THE PROBLEMS RELATED TO TOPIC. AT THE END, THE STUDENT SHOULD WRITE A PROBLEM BASED LEARNING REPORT THAT COVERS PROBLEM STATEMENT, LITERATURE REVIEW, METHODOLOGY TO OVERCOME THE PROBLEM. THE STUDENT NEEDS TO ACHIEVE THE OBJECTIVE OF THE PROJECT AND PRESENTED IT IN THE REPORT.</p>																										
3.0	PRE-REQUISITE	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Pre-Requisite</th> <th style="width: 45%;">Subject Name</th> <th style="width: 15%;">Cohort</th> <th style="width: 15%;">Program</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Pre-Requisite	Subject Name	Cohort	Program																				
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4.0	MAIN TEXT BOOK	<p>MANUAL PROJEK SARJANA MUDA (PSM), FAKULTI TEKNOLOGI KEJURUTERAAN, UNIVERSITI TEKNIKAL MALAYSIA MELAKA.</p>																										
5.0	REFERENCES																											

6.0 LEARNING ACTIVITIES AND STUDENT LEARNING TIME (SLT)

Kredit :

Independent Learning	L	Lecturer	* 0.5 to 1 hour for each 1 hour of Lecturer	I	<input type="text" value="1"/>
	T	Tutorial	* 0.5 to 1 hour for each 1 hour of Tutorial	II	<input type="text" value="1"/>
	P	Practical	* 0.5 to 1 hour for each 1 hour of Practical	III	<input type="text" value="1"/>

Minggu	CLO	Guided Learning Time (hr)				Independent Learning(hr)							Assessment Time (hr)				SLT	
		L	T	P	O	L	T	P	O	F	T	A	O	F	T	A		O
W1	1,5	2	0	0	0	2	0	0	6	0	0	0	0	0	0	0	0	10
W2	1,5	2	0	0	0	2	0	0	6	0	0	0	0	0	0	0	0	10
W3	1,5	0	0	3	0	0	0	3	6	0	0	0	0	0	0	0	0	12
W4	1,5	1	0	0	0	1	0	0	8	0	0	0	0	0	0	0	0	10
W5	1,5	0,5	0	0	0	0,5	0	0	11	0	0	0	0	0	0	0	0	12
W6	4	1	0	0	0	1	0	0	7,5	0	0	0	2	0	0	0	0,5	12
W7	1,5	0,5	0	0	0	0,5	0	0	11	0	0	0	0	0	0	0	0	12
W8	1,5	1	0	0	0	1	0	0	10	0	0	0	0	0	0	0	0	12
W9	1,5	0	0	3	0	0	0	3	6	0	0	0	0	0	0	0	0	12
W10	1,5	0	0	3	0	0	0	3	6	0	0	0	0	0	0	0	0	12
W11	1,5	1	0	0	0	1	0	0	10	0	0	0	0	0	0	0	0	12
W12	4	1	0	0	0	1	0	0	7,5	0	0	0	2	0	0	0	0,5	12
W13	1,5	0,5	0	0	0	0,5	0	0	6,5	0	0	0	2	0	0	0	0,5	10
W14	2,3	0,5	0	0	0	0,5	0	0	8,5	0	0	0	2	0	0	0	0,5	12
W15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Keseluruhan		11	0	9	0	11	0	9	110	0	0	0	8	0	0	0	2	160
SLT Credit Equivalent																	<input type="text" value="4"/>	

7.0 SUBJECT ASSESSMENTS

No	Learning Outcome	Program Outcome	Assessment Method	Mark Code	Percentage (%)
1	5	11	CASE STUDY- GENERAL CONDUCT	CS-1	15
2	2	4	PRESENTATION1- TECHNICAL PRESENTATION / DEMO	PR1-1	15
3	3	10	PRESENTATION2- ORAL PRESENTATION	PR2-1	10
4	4	12	TEACHING NOTE- PROGRESS WORK 1	TN-1	5
5	4	12	TEACHING NOTE- PROGRESS WORK 2	TN-2	5
6	1	3	TECHNICAL REPORT- SUPERVISOR	TR-1	25
7	1	3	TECHNICAL REPORT- PANEL	TR-2	25
Total					100

8.0 WEEKLY LECTURE PLAN

WEEK	SESSION	CONTENTS	REMARK
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1	Title selection and BDP registration. BDP1 briefing	Student PSM Committee Supervisor
2	Module 1: How to write the Objectives, Scopes, Problem statements? How to write the Literature Review? How to write the Methodology?	Student PSM Committee Supervisor
3	Module 2: Tools to improve PSM Report writing.	Student PSM Committee Supervisor
4	BDP Implementation and meeting with supervisor	Student Supervisor
5	BDP Implementation and meeting with supervisor	Student Supervisor
6	BDP Implementation and meeting with supervisor Evaluation of Work Progress 1	Student Supervisor
7	BDP Implementation and meeting with supervisor	Student Supervisor
8	BDP Implementation and meeting with supervisor	Student Supervisor
9	BDP Implementation and meeting with supervisor	Student Supervisor
10	BDP Implementation and meeting with supervisor	Student Supervisor
11	BDP Implementation and meeting with supervisor	Student Supervisor

12		Submission and Evaluation of BDP Final Report Evaluation of Work Progress 2	Student Supervisor
13		BDP Implementation and meeting with supervisor	Student Supervisor
14		Presentation	Student Supervisor Panels

9.0 CQI

Programme	Session (B4)	Suggestion Of Improvements	Session	Action To Be Taken
BEET	2-2021/2022	LO1 - TALK REGARDING REPORT NEED TO BE IMPROVED LO2 - NONE LO3 - NONE LO4 - NONE LO5 - NONE IN GENERAL - EPSM MODULE IS JUST BEING IMPLEMENTED THIS SEMESTER AND NEEDS A PROPER GUIDELINE TO HELP STUDENTS ON HOW TO USE IT.	1-2022/2023	LO1 - TALK REGARDING REPORT WILL BE IMPROVED LO2 - NONE LO3 - NONE LO4 - NONE LO5 - NONE IN GENERAL - EPSM MODULE IS JUST BEING IMPLEMENTED THIS SEMESTER AND A PROPER GUIDELINES WILL BE DISSEMINATED FROM TIME TO TIME TO HELP STUDENTS
BEEY	2-2021/2022	LO1 - ALL STUDENTS MUST KEEP A COPY OF SUPERVISOR APPROVAL FORM FOR TURNITIN AND PRESENTATION BESIDES SUBMITTING TO ALL PANELS BEFORE THE PRESENTATION TAKES PLACE. LO2 - NONE SINCE ALL IN ORDER. LO3 - STUDENTS ARE RECOMMENDED TO INVOLVE THEIR RESPECTIVE SUPERVISORS DURING THEIR MOCK PRESENTATION. LO4 - LOGBOOK GUIDELINES NEED TO BE FORMALLY ESTABLISHED SOON. LO5 - NONE.	1-2022/2023	LO1 - ALL STUDENTS WILL BE REMINDED TO KEEP A COPY OF SUPERVISOR APPROVAL FORM FOR TURNITIN AND PRESENTATION BESIDES SUBMITTING TO ALL PANELS BEFORE THE PRESENTATION TAKES PLACE. LO2 - NONE SINCE ALL IN ORDER. LO3 - STUDENTS WILL BE RECOMMENDED TO INVOLVE THEIR RESPECTIVE SUPERVISORS DURING THEIR MOCK PRESENTATION. LO4 - LOGBOOK TEMPLATE IS MADE AVAILABLE IN BDP PORTAL. LO5 - NONE.
BEEZ	2-2021/2022	LO1 - TALK REGARDING REPORT NEED TO BE IMPROVED LO2 - NONE LO3 - NONE LO4 - NONE LO5 - NONE IN GENERAL - EPSM MODULE IS JUST BEING IMPLEMENTED THIS SEMESTER AND NEEDS A PROPER GUIDELINE TO HELP STUDENTS ON HOW TO USE IT.	1-2022/2023	LO1 - TALK REGARDING REPORT WILL BE IMPROVED LO2 - NONE LO3 - NONE LO4 - NONE LO5 - NONE IN GENERAL - EPSM MODULE IS JUST BEING IMPLEMENTED THIS SEMESTER AND A PROPER GUIDELINES WILL BE DISSEMINATED FROM TIME TO TIME TO HELP STUDENTS.
BEEA	2-2021/2022	LO1 - TALK REGARDING REPORT NEED TO BE IMPROVED LO2 - NONE LO3 - NONE LO4 - NONE LO5 - NONE IN GENERAL - EPSM MODULE IS JUST BEING IMPLEMENTED THIS SEMESTER AND NEEDS A PROPER GUIDELINE TO HELP STUDENTS ON HOW TO USE IT.	1-2022/2023	LO1 - TALK REGARDING REPORT WILL BE IMPROVED LO2 - NONE LO3 - NONE LO4 - NONE LO5 - NONE IN GENERAL - EPSM MODULE IS JUST BEING IMPLEMENTED THIS SEMESTER AND A PROPER GUIDELINES WILL BE DISSEMINATED FROM TIME TO TIME TO HELP STUDENTS.
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BEEC	2-2020/2021	LO1 - TEMPLATE REPORT NEED TO BE STANDARDIZE WITH SV APPROVAL LO2 - GUIDELINES OF REQUIRED ITEMS FOR PRESENTATION NEEDS TO PROVIDE TO ALL STUDENTS LO3 - ADVISE STUDENTS AND SUPERVISORS TO DO MOCK PRESENTATION BEFORE THE EVENT LO4 - LOGBOOK GUIDELINES NEED TO BE PREPARE LO5 - NONE	1-2022/2023	LO1 - NEW TEMPLATE REPORT HAS BEEN STANDARDIZE WITH SV APPROVAL LO2 - INFOGRAPHIC REGARDING PRESENTATION REQUIREMENT WILL BE PROVIDED TO STUDENT LO3 - MOCK PRESENTATION ACTIVITY HAS BEEN ADD IN BDP TIMELINE/INFOGRAPHIC LO4 - GUIDELINES FOR LOGBOOK WILL BE PREPARED LO5 - NONE
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BEEI	2-2020/2021	LO1 - TEMPLATE REPORT NEED TO BE STANDARDIZE WITH SV APPROVAL LO2 - GUIDELINES OF REQUIRED ITEMS FOR PRESENTATION NEEDS TO PROVIDE TO ALL STUDENTS LO3 - ADVISE STUDENTS AND SUPERVISORS TO DO MOCK PRESENTATION BEFORE THE EVENT LO4 - LOGBOOK GUIDELINES NEED TO BE PREPARE LO5 - NONE	1-2022/2023	LO1 - NEW TEMPLATE REPORT HAS BEEN STANDARDIZE WITH SV APPROVAL LO2 - INFOGRAPHIC REGARDING PRESENTATION REQUIREMENT WILL BE PROVIDED TO STUDENT LO3 - MOCK PRESENTATION ACTIVITY HAS BEEN ADD IN BDP TIMELINE/INFOGRAPHIC LO4 - GUIDELINES FOR LOGBOOK WILL BE PREPARED LO5 - NONE

10.0 STAFF DETAILS

The course will be delivered by :

No. Staff	Name	Department	Phone No.	Email
01784	DR. NOR AZLAN BIN MOHD ARIS	FAKULTI TEKNOLOGI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK (FTKEE)	012-7394820	norazlan@utem.edu.my
02440	AZIEAN BINTI MOHD AZIZE	FAKULTI TEKNOLOGI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK (FTKEE)	0133793113	aziean@utem.edu.my

TEACHING PLAN APPROVAL (UNTIL END OF WEEK 2)

Comment
(Optional) :

Comment
(Optional) :

Prepared By,

Approved By,

Name : DR. NOR AZLAN BIN MOHD ARIS

Name : IR. TS. DR. MOHD FAUZI BIN AB RAHMAN

Position : PENSYARAH KANAN

Position : TIMBALAN DEKAN (AKADEMIK)

Date : 07/10/2022

Date :

TEACHING PLAN IMPLEMENTATION (FROM WEEK 3 TO WEEK 16)

Comment
(Optional) :

Comment
(Optional) :

Prepared By,

Checked By,

Name :

Name :

Position :

Position :

Date :

Date :

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