



Faculty of
Computing
PSM BRIEFING
Sem2_2425

A CHECKLIST BEFORE THE RACE

Committee Members

SECR:

PSM₁ & PSM₂:

Ms Hazinah

SECJ:

PSM₁:

Dr. Noraini Ibrahim

and Dr Muhammad

Luqman Bin Mohd

Shafie

PSM₂:

Dr. Ruhaidah

Samsuddin and Dr

Jamilah Mahmood

**Ms. Hazinah Kutty Mammi
(FC PSM Coordinator)**

SECB:

PSM₁:

Dr. Seah Choon Sen

PSM₂:

Dr. Rozilawati Dollah

SECV:

PSM₁:

Dr. Pang Yee Yong

PSM₂:

Dr. Aida Ali

SCSP:

PSM₁: Dr Aryati Bakri

PSM₂: Dr Muhammad

Aliif Ahmad



PSM

PROJECT SARJANA MUDA
(FINAL YEAR PROJECT)

It aims is to equip students with knowledge and skills in problem solving through appropriate academic and research activities.

A compulsory element, you need to pass to graduate

It is undertaken in two semesters each for PSM₁ and PSM₂ respectively



PSM1:
SECX3032

Pre-Requisite :
Software Engineering (SECJ2203)
Application Developments (SECX3104)
Total credits taken >80



PSM PHASES



PSM2:
SECX4134

Pre-Requisite :
PSM 1 – SECX3032



PSM

PROJECT TYPES

PSM projects can be any of these 2 types:

**System
Development**

Research



PSM1

THE FOUNDATION

Identify relevant information

pertaining to project needs from a variety of resources.



Explain and apply project development methodologies

appropriate to the project.



Design, plan and propose a project according to user requirements.



Communicate project ideas through technical report and presentation

PSM2

THE CONCLUSION

Code and develop
project according to
the proposed plan
and design (PSM1)



Verify and validate
developed modules
following industrial
standard practices.

**Propose future
improvement**
based on project
outcomes

Communicate
project results
through technical
report and
presentation





**PSM
CALENDAR**

PSM RESOURCES

<https://comp.utm.my/psm/>

If you cant remember that, just **Google using keywords **PSM FC UTM***



**PSM
FORMS**

All information are available on the PSM website.

The PSM website is your friend.



**PSM
HANDBOOK**



**PROJECTS
OFFERED**



**UPDATES &
SAMPLES**




PRISM

A CHANCE FOR POSTGRADUATE PREP

PRISM is a program that helps students interested in pursuing postgraduate degree in FC,UTM.

For PSM, you can make it as the initial study for your Masters project (imagine it like Project 1 and 2 of masters - where project 1 is done in PSM)



STUDENTS REGISTERED

REGISTERED STUDENTS			
	PSM 1	PSM 2	TOTAL
SECR	104	91	195
SECJ	115	153	268
SECV	58	59	117
SECB	31	40	71
SECP	0	38	38
	308	381	
	TOTAL STUDENTS		689



IMPORTANT DATES

Must be followed

PSM1 CALENDAR BRIEF SEM2_2425	PROPOSAL 2 Resubmit Proposal 15-APR-2025 Project Proposal Interview 16 to 17-APR-2025	DRAFT & PRESENTATION Draft report to SV 2 to 5-JUN-2025 Report Correction up to 19-JUN-2025
PROPOSAL 1 Submit Proposal 4-APR-2025 Project Proposal Interview 7 to 11-APR-2025	PROGRESS Progress Assessment 1 12 to 15-MAY-2025 Progress Assessment 2 26 to 29-MAY-2025	Submit report for evaluation 26-JUN-2025 PSM Presentation 30 JUN to 4 JULY-2025 Submit report Correction 11-JUL-2025

*full calendar in PSM website



IMPORTANT DATES

Must be followed

PSM2 CALENDAR BRIEF SEM2_2425	DRAFT Draft report to SV for review 9 to 12-JUNE-2025 Report Correction up to 1-JULY-2025	FINAL SUBMISSION Submit report Correction 18-JULY-2025
PROJECT PROGRESS Demo 1 21 to 24-APR-2025 Demo 2 26 to 29-MAY-2025	EVALUATION Submit report, short paper, videos for evaluation 3-JULY-2025 PSM Presentation 7 to 10-JULY-2025	Submit Final Thesis, Short Paper, Code Booklet 24-JULY-2025

*full calendar in PSM website

Some Tips

FINDING A TOPIC

FIND ONE THAT FITS YOU
UNDERSTAND WHAT IT IS
DON'T DUPLICATE, DON'T PLAGIARIZE

FINDING AN SV

FIND ONE THAT SUITS YOU
FIND ONE EARLY
MEET FREQUENTLY (MIN 6)

LOG BOOK

YOUR PROJECT DIARY
HELPS KEEP YOU IN CHECK

At the end of the day, PSM is YOU.
Work smart and diligently and you will
succeed.

**NEW THESIS
TEMPLATE**

**NEW SIZE
NEW COVER**

MUST FOLLOW TEMPLATE

NEWS: 1

BEGINNING FROM SEMESTER (SEM1_1819)

**PLEASE FOLLOW
PSM TEMPLATE**

The template can be found at the PSM website.

**FROM SEM2_2021:
ONLY SUBMIT E-
COPY**

UPDATE

PSM 1:
MUST SUBMIT A 2 MIN
VIDEO OF PROJECT
REFLECTION

PSM 2:
MUST SUBMIT 2 VIDEOS :
PROJECT DEMO AND
PROJECT PRESENTATION

NEWS:2

BEGINNING FROM SEMESTER (SEM1_1920)

***STATUS: COMPULSORY.**
SUBMIT WITH REPORT FOR EVALUATION

SUBMISSION ON
ELEARNING*, PSM
ONLINE SYSTEM*
AND EPORTFOLIO

PSM 1: MUST SUBMIT 2 VIDEOS

- PROJECT PRESENTATION
- 2 MIN VIDEO OF PROJECT REFLECTION

PSM 2: MUST SUBMIT 2 VIDEOS

- PROJECT DEMO AND PROJECT PRESENTATION

VERY IMPORTANT TO KEEP UP-TO-DATE WITH INFOS AND FOLLOW RULES.

NEWS:3

BEGINNING FROM SEMESTER (SEM1_2223)

FROM SEM1_2223:
CONTINUED ON

UPDATE

PSM 2: MUST SUBMIT CODE BOOKLET ON FINAL SUBMISSION

- **TEMPLATE CAN BE FOUND IN ELEARNING AND PSM WEBSITE.**

NEWS:4

BEGINNING FROM SEMESTER (SEM1_2223)

VERY IMPORTANT TO KEEP UP-TO-DATE WITH INFOS AND FOLLOW RULES.

We will be using NEW PSM FORMS.

- All forms are available on PSM website.
- Old forms not accepted.
- Forms are divided into their appropriate phases for ease of use.

NEWS:5

BEGINNING FROM SEMESTER (SEM1_2324)

VERY IMPORTANT TO KEEP UP-TO-DATE WITH INFOS AND FOLLOW RULES.

New rules:

- **CPA:** All students are required to have at least a CGPA of 3.33 to undertake research type PSM.
- **Turnitin:** JKPSM will no longer provide the service. SV must provide them. AI % is also required – max 20% per chapter.
 - New forms to reflect the new similarity approach.

NEWS:6

BEGINNING FROM SEMESTER (SEM1_2425)

LITERATURE REVIEW

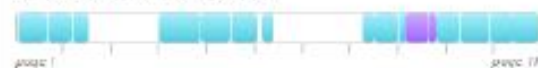
1.1 Introduction

This chapter thoroughly examines automated class scheduling systems and presents an optimal solution to assist students in this context. It evaluates the current scheduling system at the Faculty of Computing at UTM and proposes a new one using the MOGA algorithm. Furthermore, it compares the existing systems with the suggested solution to determine their specific advantages, disadvantages, and potential areas for improvement. These results are crucial for achieving the

70% detected as AI

The percentage indicates the combined amount of likely AI-generated text as well as likely AI-generated text that was also likely AI-paraphrased.

Submission Breakdown



- 1 AI-generated only** 64%
 Likely AI-generated text from a large-language model.
- 2 AI-generated text that was AI-paraphrased** 7%
 Likely AI-generated text that was likely revised using an AI-paraphrase tool or word spinner.

Similarity percentage summary from Turnitin (paste here).

Chapter	Similarity%	AI%	
		[AI-Generated Only]	[AI-Generated test that was AI-paraphrased]
1			
2			
3			
4			
5			
6			

PSM EVALUATION

PSM1

PROJECT
DESIGN

PROJECT
REPORT

PROJECT
PRESENTATION

PSM2

PROJECT
DEVELOPMENT

PROJECT
REPORT

PROJECT
PRESENTATION

PROJECT
DEMO

SHORT
PAPER

CORRECTIONS SUBMISSIONS ARE MANDATORY.

- YOU WILL GET A TS GRADE, IF YOU FAIL TO SUBMIT CORRECTIONS.
- CONTINUED FAILURE TO SUBMIT CORRECTIONS WILL LEAD TO A FAIL GRADE.
- PSM2 STUDENTS NEED CORRECTION ENDORSEMENT BEFORE SUBMIT THESIS.

REMINDER: 1

MEETING WITH SV.

- IT IS COMPULSORY TO MEET WITH SV AT LEAST 6 TIMES.
- SV HAS THE RIGHT TO NOT APPROVE STUDENT FOR PRESENTATION. NO PRESENTATION = FAIL GRADE.

REMINDER: 2

TIME MANAGEMENT.

- MANAGE YOUR TIME BETTER.
- PUT REMINDERS ON YOUR PHONE CALENDAR.
- IF YOU OR YOUR SV MISS A DEADLINE FOR MARKS SUBMISSION – YOU GET ZERO.
- TAKE RESPONSIBILITY OF YOUR LEARNING – PLAN YOUR WORK, BE ALERT.
- DON'T WORK LAST MINUTE.

REMINDER: 3

TIME AFFECTS A LOT OF PEOPLE
– YOU, YOUR SV, THE EVALUATORS,
JKPSM, ACADEMIC OFFICE

WHO ALL HAVE A DEADLINE FOR PROCESSES

CHATGPT

- THIS IS NOT YOUR FRIEND.
- YOUR LECTURERS KNOW YOUR LEVEL IN THINKING AND WRITING.
- YOU NEED TO SHOW YOUR UNDERSTANDING AND A GOOD FLOW OF DISCUSSION.
- MARKS ARE GIVEN BY PEOPLE – NOT MACHINE.

REMINDER: 4

Ethical misconduct

- SOME STUDENTS JUST SUBMIT OLD REPORTS, EMPTY DOCUMENTS/FORMS ETC TO DECEIVE THE JKPSM.
- STUDENTS WHO USED SV SIGNATURE WITHOUT CONSENT.
- IF YOU ANY OF THESE- YOU WILL NOT BE ALLOWED TO PRESENT
→ WHICH IN TURN YOU WILL FAIL.

REMINDER: 5



Thank You!

ANY QUESTIONS?