Faculty of Computing

PSM BRIEFING Sem1_2425

A CHECKLIST BEFORE THE RACE

Committee Members

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

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**

SECB:
PSM1:
Dr. Seah Choon Sen
PSM2:
Dr. Nies Hui Wen

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 RESOURCES

PSM CALENDAR

PSM FORMS

PSM HANDBOOK

PROJECTS OFFERED

UPDATES & SAMPLES

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

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

All information are available on the PSM website.
The PSM website is your friend.

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	16	5	21
SECJ	32	2	34
SECV	5	6	11
SECB	3	3	6
SECP	40	0	40
	96	**16**	
	TOTAL STUDENTS		**112**

PSM IMPORTANT DATES
Must be followed

PROPOSAL 1

Submit Proposal
23 OCT 2024 [WK3]

Project Proposal interview
27 -30 OCT 2024 [WK4]

PROPOSAL 2

Resubmit Proposal
5 NOV 2024 [WK5]

Project Proposal interview
6-8 NOV 2024 [WK5]

PSM1 CALENDAR BRIEF SEM12425

PROGRESS

Progress Assessment 1
19-24 NOV 2024 [WK9]

Progress Assessment 2
17-21 DEC 2024 [WK11]

EVALUATION

Draft report to SV
24-28 DEC 2024 [WK12]

**Submit report, video for evaluation
14 JAN 2025 [WK15]**

**PSM Presentation
21-25 JAN 2025 [WK16]**

Submit corrected report
3 FEB 2025 [WK17]

PSM IMPORTANT DATES
Must be followed

PSM2 CALENDAR BRIEF SEM12425

DRAFT

Draft report and short paper to SV for review
29 DEC 2024 – 2 JAN 2025 [WK13]

FINAL SUBMISSION

Submit corrected report and short paper
12 FEB 2025 [WK19]

Submit Final Thesis, Short Paper, Code Booklet
13 FEB 2025 [WK19]

PROJECT PROGRESS

Demo 1
27-30 NOV 2024 [WK6]

Demo 2
15-19 DEC 2024 [WK11]

EVALUATION

Submit report, short paper, videos for evaluation
23 JAN 2025 [WK16]

PSM Presentation
26-30 JAN 2025[WK17]

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.

UPDATE

FROM SEM2_2021: ONLY SUBMIT E-COPY

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)

SUBMISSION ON ELEARNING*, PSM ONLINE SYSTEM* AND EPORTFOLIO

*STATUS: COMPULSORY.
SUBMIT WITH REPORT FOR EVALUATION

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: <u>MUST</u> SUBMIT CODE BOOKLET ON FINAL SUBMISSION

- TEMPLATE CAN BE FOUND IN ELEARNING AND PSM WEBSITE.

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

NEWS:4

BEGINNING FROM SEMESTER (SEM1_2223)

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.

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

NEWS:5

BEGINNING FROM SEMESTER (SEM1_2324)

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 insights are crucial for achieving the

Similarity percentage summary from Turnitin (paste here).

Chapter	Similarity%	AI% [AI-Generated Only]	AI% [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 <u>COMPULSORY</u> TO MEET WITH SV AT LEAST 6 TIMES .
- SV HAS THE RIGHT <u>TO NOT APPROVE STUDENT FOR PRESENTATION</u>. 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

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

Thank You!

ANY QUESTIONS?