



Faculty of  
Computing  
PSM BRIEFING  
Sem1\_2324

A CHECKLIST BEFORE THE RACE

# Committee Members

SECR:

PSM<sub>1</sub> & PSM<sub>2</sub>:

Ms Hazinah

SECJ:

PSM<sub>1</sub>:

Dr. Noraini Ibrahim  
and Dr. Sim Hiew Moi

PSM<sub>2</sub>:

Dr. Ruhaidah

Samsuddin and Dr  
Jamilah Mahmood

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

SECB:

PSM<sub>1</sub>:

Dr. Nies Hui Wen

PSM<sub>2</sub>:

Dr. Haslina Hashim

SECV:

PSM<sub>1</sub>:

Dr. Pang Yee Yong

PSM<sub>2</sub>:

Dr. Aida Ali

SCSP:

PSM<sub>1</sub>: Dr Aryati Bakri

PSM<sub>2</sub>: Dr Muhammad  
Aliif Ahmad



# PSM

PROJECT SARJANA MUDA  
(FINAL YEAR PROJECT)

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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 PSM<sub>1</sub> and PSM<sub>2</sub> 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

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PSM projects can be any of these 2 types:

**System  
Development**

**Research**



# PSM1

## THE FOUNDATION

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### 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

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**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***

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**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

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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)





# IMPORTANT DATES

Must be followed

## PROPOSAL 1

Submit Proposal  
25 OCT 2023 [WK3]

Project Proposal interview  
29 OCT-2 NOV 2023 [WK4]

## PROPOSAL 2

Resubmit Proposal  
5 NOV 2023 [WK5]

Project Proposal interview  
6-18 NOV 2023 [WK5]

## PSM1 CALENDAR BRIEF

**SEM12324**

## PROGRESS

Progress  
Assessment 1  
19-23 NOV 2023  
[WK7]

Progress  
Assessment 2  
17-21 DEC 2023  
[WK11]

## EVALUATION

Draft report to SV  
24-28 DEC 2023 [WK12]

**Submit report for evaluation  
14 JAN 2024 [WK15]**

**PSM Presentation  
21-25 JAN 2024 [WK16]**

Submit corrected report  
3 FEB 2024 [WK17]



# IMPORTANT DATES

Must be followed

## PSM2 CALENDAR BRIEF SEM12324

### DRAFT

Draft report and short paper to  
SV for review  
24-28 DEC 2023 [WK12]

### FINAL SUBMISSION

Submit corrected report  
and short paper  
9 FEB 2024 [WK18]

### PROJECT PROGRESS

Demo 1  
12-16 NOV 2023  
[WK6]

Demo 2  
17-21 DEC 2023  
[WK11]

### EVALUATION

Submit report, short paper,  
video for evaluation  
21 JAN 2024 [WK16]

PSM Presentation  
28 JAN to 1 FEB 2024 [WK17]

Submit Final Thesis, Short  
Paper, Code Booklet  
10 FEB 2024 [WK18]

# 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

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

**NEW THESIS  
TEMPLATE**

**NEW SIZE  
NEW COVER**

# NEWS: 1

BEGINNING FROM SEMESTER (SEM1\_1819)

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**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)

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**SUBMISSION ON**  
**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.

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# 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.**

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# 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.

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**NEWS:5**

BEGINNING FROM SEMESTER (SEM1\_2324)

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

# PSM EVALUATION

## PSM1

PROJECT  
DESIGN

PROJECT  
REPORT

PROJECT  
PRESENTATION

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## 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.

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# REMINDER: 1



# Thank You!

ANY QUESTIONS?