

COURSE OUTLINE

Department/ Faculty:	Computer Science, Information System, Software Engineering/ Computing	Page:	1 of 5
Course code:	SCSx/SECx 4134	Academic Session/Semester:	20222023/1
Course name:	FINAL YEAR PROJECT 2	Pre requisite:	Final Year Project 1 (SCSx/SECx 3032)
Credit hours:	4		

Course synopsis	This is the second part of a 2-part Final Year Project that every student must fulfil successfully. In this installation, students are required to execute the next phases of their development plan from Part 1. Students are now required to code and integrate the different modules that make up the proposed project. Students will test the developed modules and the final fully-integrated project following software development and research testing practices. Students must meet regularly with supervisor(s) who will monitor their continuous progress. Students are required to prepare a report, a short paper and present their final work.			
Course coordinator (if applicable)	Ms. Hazinah Kutty Mammi			
Course lecturer(s)/ Section	Name	Office	Telephone (07) 55-	E-mail @utm.my
SCSR/SECR (01)	Ms. Hazinah Kutty Mammi			hazinah@utm.my
SCSJ/SECJ (01)	Dr. Ruhaidah Samsudin & Dr. Jamilah Mahmood			ruhaidah & jamilah.mahmood
SCSV/SECV (01)	Dr. Tarmizi Adam			tarmizi.adam
SCSB/SECB (01)	Dr. Haslina Hashim			haslinah
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Mapping of the Course Learning Outcomes (CLO) to the Programme Learning Outcomes (PLO), Teaching & Learning (T&L) methods and Assessment methods:

No.	CLO	PLO (ICGPA CODE)	Weight (%)	*Taxonomies and **generic skills	T&L methods	Assessment methods***
CLO1	Code and develop project according to the proposed plan and design.	PO2 (AP) PO3 (PS)	36	C6	Supervisory	PD, SV, EV
CLO2	Verify and validate developed modules following industrial standard practices.	PO2 (AP)	14	C5	Supervisory	PR, PD, SV, EV
CLO3	Communicate project ideas and final product through technical report and presentation.	PO2 (AP) PO3 (PS) PO4 (CS) PO9 (GC)	40	C5, A4 CS1, CS2, CS3 GC1, GC3	Supervisory	PR, Pr, SP, SV, EV
CLO4	Propose future improvement based on project outcomes.	PO3 (PS) PO5 (TH)	10	C6, A5 TH1	Supervisory	PR, PD, SV, EV

Refer *Taxonomies of Learning and **UTM's Graduate Attributes for measurement of outcomes achievement.

***PD – Project Development/Coding; Pr – Project Presentation; PR – Personal Report; F – Final Exam, SV – Supervisory, EV – Evaluation; SP – Short Paper etc.

Details on Innovative T&L practices:

Prepared by: Name: Hazinah Kutty Mammi (Course Owner) Signature: Date: 10 October 2022	Certified by: Name: Prof. Dr. Md Asri Ngadi (Director) Signature: Date:
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No.	Type	Implementation
1.		
2.		

Weekly Schedule:

W 1	Final Year Project 2 Briefing
W 2	Project Development and Supervisory Meeting
W 3	Project Development and Supervisory Meeting
W 4	Project Development and Supervisory Meeting
W 5	Project Development and Supervisory Meeting
W 6	Project Development and Supervisory Meeting <ul style="list-style-type: none"> ▪ Project Progress 1 Evaluation
W 7	Project Development and Supervisory Meeting
W 8	Project Development and Supervisory Meeting
W 9	SEMESTER BREAK
W 10	Project Development and Supervisory Meeting
W 11	Project Development and Supervisory Meeting <ul style="list-style-type: none"> ▪ Project Progress 2 Evaluation
W12 – W14	Project Development and Supervisory Meeting
W 15	Project 2 Presentation
W 16 - 18	FINAL REPORT CORRECTION & THESIS SUBMISSION

Transferable skills (generic skills learned in course of study which can be useful and utilised in other settings):

System Development and Fundamental Research Skills
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Student learning time (SLT) details:

Distribution of course content	Teaching and Learning Activities						TOTAL SLT
	Guided Learning (Face to Face)				Guided Learning Non-Face to Face	Independent Learning Non-Face to face	
CLO	L	T	P	O			
CLO 1				14	10	30	54
CLO 2				14	8	10	32
CLO 3				5	10	15	30
CLO 4				4	2	2	8
Total SLT				37	30	57	124

Continuous Assessment		PLO	Percentage	Total SLT
1	Supervision	AP	10	
2	Project Report Progress 1	CS	5	
3	Project Progress 1 (Demo1)	AP, PS	5	
4	Project Progress 2 (Demo2)	AP, PS	5	
5	Short Paper	AP	5	
6	Final Report	AP, PS, CS, TH	30	
7	Output/Results (SD/R)	AP, PS	25	
8	Ethics	GC	5	
Final Assessment			Percentage	Total SLT
1	Project 2 Presentation	CS	10	
Grand Total SLT				160h

Special requirement to deliver the course (e.g: software, nursery, computer lab, simulation room):

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Learning resources:

<p>Text book (if applicable)</p> <p>Main references Final Year Project Handbook</p> <p>Additional references Online: FC Formal FYP website at https://engineering.utm.my/computing/psm/</p>

Academic honesty and plagiarism:

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Other additional information (Course policy, any specific instruction etc.):

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Percentages of CLO-PLO Mapping for SCSx/SECx 4134 Final Year Project 2:

PLO			PLO2			PLO3			PLO4	PLO5	PLO9	Total
No	Assessment	%	CLO1	CLO2	CLO3	CLO1	CLO3	CLO4	CLO3	CLO4	CLO3	
1	B(1) Supervision	10	10									10
2	B(2) Progress Report	5							5			5
3	B(3) Project Progress 1	5		2		3						5
4	B(4) Project Progress 2	5		2		3						5
5	B(5) Short Paper	5			5							5
6	B(6) Final Report	25		5			10		5	5		25
7	B(7) System/R-Output	30	10	5		10		5				30
8	B(8) Presentation	10			5				5			10
9	B(9) Ethics	5									5	5
Overall Total			20	14	10	16	10	5	15	5	5	
			44			31			15	5	5	

Additional information (Course policy, any specific instruction etc.):

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