

COURSE INFORMATION

1 1	Name of Course													Mini I	T Proje	ect				
	Course Code													PSPC		eci				
3.	Type of Course													Core						
4 . \$	g.: Core, major, elective etc.) //nopsis									The course aim to guide the students, in a group, to create a technical report to analyse, design an implement a small IT related problems by applying the knowledge on problem solving skills in programming.										
(ersion tate the date of theSenate's approval - previous and the current approval date)										Current: January 2018 Previous: June 2016									
	ame(s) of Academic Staff										Suhaini binti Nordin Norwahida Syazwani Othman Khairi Shazwan Dollmat									
7. 9	Semester and Year Offered Credit Value	1												Trime	ster 3					
) . [Pre-Requisite Objective of the course in t To apply the learned problem				analys	se, de	esign,	and im	plem	nent a m	nini pr	ogram	ming			roblen	n Solv	ing and Program	Design	
	Justification for including t To provide students with the							lve sm	nall I	Γ related	d prob	olems I	оу ар	plying	the kno	owled	ge on	problem solving	skills in programm	ing.
	Course Learning Outcomes CLO1: Develop a solution			IT pro	oblem:	s											omaii ognitiv			Level 6
(CLO2: Produce a techni	ical re	port																	3
ļ	CLO3: Justify impact of			to the	stakel	holde	ers										ognitiv			
	CLO4:		-,											Affective				e		3
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ا . ا	Mapping of the Course Lea Course Learning	Ting	Jutco				_			ng Outc		s, read	ning	wetn				ethods	1	Assessment Method
	Outcomes (CLO) (Must tally with CLOs in item 12)	P L O	P L O	P L O	P L O	P L O	P L O	P L O	P L	P L O	P L O 1	P L O 1	P L O 1							
	CLO1	2	3	4	5	✓	7	8	9	0	Ľ	2	Lectu	re/Tuto	orial				ntation/Presentation	
(CLO2 CLO3		Ť			✓ ✓		✓ ✓			t		L		re/Tuto				Technical Report Project Implement	t ntation/Presentation/Technical Report
ı	CLO4 Total		2			2	1	3												ne appropriate relevant box (This description pages 16 & 18 of COPPA 2.0)
-	Transferable Skills: Leadership - Group leaders a Technical Report Time management - Managir Research - Finding sources f	ng pro	ject in	group	p by ci	reatin	ng a ta	sk dist	ribut	ion table	e and	Gantt	chart	. Asse					•	ject Implementation, Presentation and ort
- - -	Leadership - Group leaders a Technical Report Time management - Managir	ng pro for lite	ject in rature	group revie	p by ci w and	reatin	ng a ta	sk dist	ribut	ion table	e and	Gantt	chart	. Asse	ssmen	nt - Pr	oject I	mplementation a	nd Technical Repo	•
- - -	Leadership - Group leaders a Technical Report Time management - Managir Research - Finding sources f	ng pro for lite	ject in rature	group review	p by ci w and	reatin	ng a ta	sk dist	ribut	ion table	e and	Gantt	chart	. Asse	ssmen	ng and Activi	oject I		•	•
-	Leadership - Group leaders a Technical Report Time management - Managir Research - Finding sources f Distribution of Student Lea	ng profor lite Irning Contei ns n. Form nd Type s and (e) Mode	ject in rature Time nt Out	group review (SLT) dline	p by cr w and	anguariable	ages. Names and	sk dist	ribut	**C	e and Techr	Gantt	chart	T Lea Gu	eachir rning / ided L (F2	ng and Activi earni F)*	oject I	mplementation a Guided Learning	nd Technical Repo	ort
-	Leadership - Group leaders a Technical Report Time management - Managir Research - Finding sources f Distribution of Student Lea Course C Variables & Operation Definition of a program Debugging. Values an & Keywords. Operators Statements. Interactive Statements. Interactive	ng pro, for lite urning Content ns. Form d Type s and 0 eration cursion	ject in rature Time Time nal and es. Va Dean and s. Cor n	group review (SLT)	p by ci w and)	anguariable ssions a. Ord	ages. Name s and der of	sk dist	ribut	**C	e and Techr	Gantt	chart	T Lea Gu	eachir rning / ided L (F2	ng and Activi earni F)*	oject I	mplementation a Guided Learning	Independent Learning (NF2F)*	Total SLT
-	Leadership - Group leaders a Technical Report Time management - Managir Research - Finding sources f Distribution of Student Lea Course C Variables & Operation Definition of a program Debugging. Values an 1 & Keywords. Operators Statements. Interactive Operations. String Ope Conditionals and Rec 2 Boolean Expressions. Execution. Alternative	ng pro, for lite Irning Content A Type S and (Type S and (Content C	rature Time Time Time	group review (SLT)	p by cc w and)) uural La Express t Mode its.	angua angua riable ssions a. Ord	ages. Name s and der of	sk dist	ribut	**C	e and Techr	Gantt	chart	. Asse	eachir rning / ided L (F2	ng ann Activi .earni F)* *P	oject I	mplementation a Guided Learning	Independent Learning (NF2F)*	Total SLT
-	Leadership - Group leaders a Technical Report Time management - Managir Research - Finding sources f Distribution of Student Lea Course C Variables & Operation Definition of a program Debugging. Values an & Keywords. Operators Statements. Interactive Operations. String Ope Conditionals and Rec December 2 Boolean Expressions. Execution. Alternative Nested Conditionals. Iteration Multiple Assignments.	ng pro, for lite Irning Contel In Service of the	real annual annu	group review (SLT)	p by circums p by	angua riable ssions ondition dition nditio	ages. Name s and der of	sk dist	ribut	**C	e and Techn	Gantt	chart	T Lea Gu	eachir rning / ided L (F2	ng ann Activi .earni F)* *P	oject I	mplementation a Guided Learning	Independent Learning (NF2F)*	Total SLT 8
-	Leadership - Group leaders a Technical Report Time management - Managir Research - Finding sources for Course Cour	ng pro, for lite urning Contel ns n. Form dd Type (real annual annu	group review (SLT)	p by circums p by	angua riable ssions ondition dition nditio	ages. Name s and der of	sk dist	ribut	**C	e and Techr	Gantt	chart	T Lea Gu *L 2	eachir rning , ided L (F22 *T	ng anna Activi earni F)* *P 2 2	oject I	Guided Learning (NF2F)*	Independent Learning (NF2F)*	8 8 8
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**Indicate the CLO based on the CLO's numbering in Item 12.

*L= Lecture, *T= Tutorial, *P= Practical, *O= Others, F2F*= Face to Face, NF2F*= Non Face to Face 16 . Identify Special Requirement to Deliver the Course (e.g., software, nursery, computer lab, simulation room): Computer lab Main References: 17 . Additional References:
Sharma, B.C. (2014). Scientific and Technical Reports: How to Write and Illustrate. Alpha Science UK. Justin Zobel (2014). Writing for Computer Science. Springer.
Mark Lutz (2013). Learning Python. O'Reilly
Bhaskar Chaudhary (2015). Tkinter GUI Application Development Blueprints. Packt Publishing
Downey,A.B., (2013). Think Python: How to Think Like a Computer Scientist, O'Reilly.

Note:

Cells shaded light grey contain formulas / fixed values. Edit these formulas only if needed.