

No.	Module Code	Module Name	Prerequisite Module	Units	
				C.P	
1		Acknowledged achievement from previous studies			30

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1	No.	Module Code	Module Name	Prerequisite Module	Units			
					C.P	C.H	S.S.H	TH
First training semester	1	TI-FCT	Fundamentals of Computer Technology		4	72	48	120
	2	TI-ISA	Information Systems & Algorithmic Thinking		4	54	66	120
	3	CD-MAT-1	Applied Mathematics 1		4	54	66	120
	4	CD-PHY-1	Applied Physics 1		4	54	66	120
	5	CD-ENG-1	English Language 1		7	180	30	210
	6	CD-ISL-1	Islamic Studies 1		2	36	24	60
	7	CD-ACS-1	Academic Competencies 1		2	36	24	60
	Total					27	486	324

2	No.	Module Code	Module Name	Prerequisite Module	Units			
					C.P	C.H	S.S.H	TH
2nd training semester	1	TI-DN1	Data Communication & Networks 1		5	72	78	150
	2	TI-IS1	Programming 1		6	108	72	180
	3	TI-EF1	Electronics Fundamentals		2	36	24	60
	4	CD-MAT-2	Applied Mathematics 2	CD-MAT-1	4	54	66	120
	5	CD-ENG-2	English Language 2	CD-ENG-1	7	180	30	210
	6	CD-ACS-2	Academic Competencies 2	CD-ACS-1	2	36	24	60
	Total					26	486	294

3	No.	Module Code	Module Name	Prerequisite Module	Units			
					C.P	C.H	S.S.H	TH
3rd training semester	1	TI-IS2	Programming 2	TI-IS1	6	108	72	180
	2	TI-DB1	Database Management Systems 1		4	72	48	120
	3	TI-WEB	Web Design		4	72	48	120
	4	TI-OPS	Operating Systems		3	54	36	90
	5	CD-MAT-3	Applied Mathematics 3	CD-MAT-2	4	72	48	120
	6	CD-ENG-3	English Language 3	CD-ENG-2	5	108	42	150
Total					26	486	294	780

4	No.	Module Code	Module Name	Prerequisite Module	Units			
					C.P	C.H	S.S.H	TH
4th training semester	1	TI-APR	Advanced Programming	TI-IS2	6	108	72	180
	2	TI-UID	User Interface Design	TI-IS1	3	54	36	90

4th training seme	3	TI-DB2	Database Management Systems 2	TI-DB1	5	72	78	150
	4	TI-WAD	Web Application Development	TI-WEB	5	90	60	150
	5	CD-ENG-4	English Language 4	CD-ENG-3	5	108	42	150
	6	CD-BE-1	Business Enterprise 1		2	36	24	60
	7	CD-TT-1	Train the Trainer 1		2	36	24	60
	Total					28	504	336

Summer	CD-OJT	Company Field Practice		12	0	360	360
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5 5th training semester	No.	Module Code	Module Name	Prerequisite Module	Units			
					C.P	C.H	S.S.H	TH
	1	TI-SWE	Software Engineering		3	54	36	90
	2	TI-SDB	Software Development for Business	TI-APR	6	108	72	180
	3	TI-MOB	Mobile Application Development	TI-IS2	4	72	48	120
	4	TI-EBS	Embedded Systems and IoT Applications	TI-IS2	4	72	48	120
	5	TI-PJA	Information Systems Engineering Project		5	54	96	150
	6	CD-ENG-5	English Language 5	CD-ENG-4	3	72	18	90
	7	CD-BE-2	Business Enterprise 2	CD-BE-1	2	36	24	60
	8	CD-TT-2	Train the Trainer 2	CD-TT-1	2	36	24	60
Total					29	504	366	870

6 6th training semester	No.	Module Code	Module Name	Prerequisite Module	Units			
					C.P	C.H	S.S.H	TH
	1	TI-SEC	Information Security		3	54	36	90
	2	TI-ELI-MLE	Elective Course in Machine Learning		5	90	60	150
		TI-ELI-GFX	Elective Course in Computer Graphics					
	3	TI-BAT	Bachelor Thesis		15	0	450	450
	4	CD-ISL-2	Islamic Studies 2	CD-ISL-1	2	36	24	60
	5	CD-ENG-6	English Language 6	CD-ENG-5	3	72	18	90
6	CD-BE-3	Business Enterprise 3	CD-BE-2	2	36	24	60	
7	CD-TT-3	Train the Trainer 3	CD-TT-2	2	36	24	60	
Total					32	324	636	960

Total					Units			
	C.P	C.H	S.S.H	TH	240	2790	2610	5400
Sum Total					240	2790	2610	5400