Course Checklist

First Year - First Semester

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
	Theo 1	I Believe	3		3	None	
	Engl 1	Communication Arts I	3		3	None	
	Fil 1	Komunikasyon sa Akademikong Filipino	3		3	None	
	Hist 1	Philippine History	3		3	None	
	Math 1A	College Algebra	3		3	None	
	Math 2A	Plane and Spherical Trigonometry	3		3	None	
	IT 111	Information Technology Fundamentals I	2		2	None	IT 111
	IT 111L	Information Technology Fundamentals (Lab)		1	1	None	
	IT 112	Programming Fundamentals I	2		2	None	IT 112
	IT 112L	Programming Fundamentals (Lab)		1	1	None	
	PE 1	Physical Fitness	2		2	None	
		Total	24	2	26		

First Year - Second Semester

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
	Theo 2	Believing into Discipleship	3		3	Theo 1	
	Engl 2	Communication Arts II	3		3	Engl 1	
	Fil 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3		3	Fil 1	
	Philos 1	Logic	3		3	None	
	Math 3B	Analytic Geometry	4		4	Math 1A, Math 2A	
	Chem 1A	General and Inorganic Chemistry I (Lec)	3		3	None	
	Chem 1AL	General and Inorganic Chemistry I (Lab)		1	1	None	
	IT 121	Information Technology Fundamentals II	2		2	IT 111	
	IT 121L	Information Technology Fundamentals II (Lab)		1	1		IT 121
	IT 122	Programming Fundamentals II	2		2	IT 112	
	IT 122L	Programming Fundamentals II (Lab)		1	1		IT 122
	PE 2	Rhythmic Activities	2		2	PE1	
		Total	25	2	28		

First Year - Summer

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
	NSTP-WTS 1	National Service Training Program I	3		3	None	
	IT 131	Computer Architecture	2		2	It 121	
	IT 131L	Computer Architecture (Lab)		1	1	It 121L	
	IT 132	Information System Fundamentals	3		3	It 111, IT 121	
		Total	8	1	9		

Second Year - First Semester

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
	Theo 3	Discipleship in Community	3		3	Theo 2	
	Engl 4A	Effective Communication with Phonetics	3		3	Engl 2	
	Philos 2	Ethics	3		3	Philos 1	
	Socio 1	Society and Culture with Family Planning	3		3	None	
	Hist 2	Life and Works of Rizal	3		3	Hist 1	
	Math 4	Mathematical Analysis for Business	3		3	Math 1A, Math 2A	
	IT 211	Data Structure with Algorithm Development	2		2	IT 122	
	IT 211L	Data Structure with Algorithm Development (Lab)		1	1	IT 122, IT 122L	IT 211
	PE 3	Individual / Dual Sports and Games	2		2	PE 1	
		Total	22	1	23		

Second Year – Second Semester

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
	Theo 4	Living Like Jesus	3		3	Theo 3	
	Engl 7	Technical Writing	3		3	Engl 2	
	Econ 1	Basic Economics with Taxation and Agrarian Reform	3		3	None	
	Psycho 1	General Psychology with Drug Prevention	3		3	None	
	Phys 1A	College Physics I (Lec)	3		3	Math 1A, Math 2A	

		Lec	Lab	Units	Pre-requisite	Co requisites
Phys 1AL	College Physics I (Lab)		1	1	Math 1A, Math 2A	
IT 221	Operating Systems	2		2	IT 211, IT 211L	
IT 221L	Operating Systems (Lab)		1	1	IT 211L	IT 222
PE 4	Team Sports and Games	2		2	PE 1	
	Total	19	2	21		

Second Year - Summer

Course No.	Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
NSTP – CWTS 2	National Service Training Program II	3		3	NSTP – CWTS 1	
IT 211	Discrete Mathematics	3		3	Philos 1, Math 1a	
	Total	6		6		

Third Year - First Semester

Course No.	Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
IT 311	Software Modelling and Analysis	3		3	3rd year standing	
IT 312	Programming Applications (Lec)	2		2	IT 211, IT 211L	
IT 312L	Programming Applications (Lab)		1	1	IT 211L	IT 312
IT 314	Database Management Systems (Lec)	2		2	IT 322, IT 221	IT 311, IT 312
IT 314L	Database Management Systems (Lab)		1	1		IT 314
IT 315	Financial Systems	3		3	3rd year standing	
	ITE Elective	3		3	3rd year standing	
	Free Elective	(3)(2)	(1)	3	3rd year standing	
	Total	13(3)(2)	2(1)	18		

Third Year - Second Semester

Course No.	Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites

			Lec	Lab	Units	Pre-requisite	Co requisites
IT 322	Network Technology w/ Administration and Maintenance (Lec)		2		2	3rd year standing	
IT 322L	Network Technology w/ Administration and Maintenance (Lab)			1	1		IT 322
IT 323	Integrative Programming and Technologies (Lec)		2		2	3rd year standing	
IT 323L	Integrative Programming and Technologies (Lab)			1	1		IT 323
IT 324	Web Systems and Technologies (Lec)		2		2	3rd year standing	
IT 324L	Web Systems and Technologies (Lab)			1	1		IT 324
IT 412a	Practicum 1		3		3	3rd year standing	
	ITE Elective		3		3	3rd year standing	
	Free Elective		(3)(2)	(1)	3	3rd year standing	
		Total	12(3)(2)	3(1)	18		

Third Year - Summer

Course No.	Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
IT 412b	Practicum 2	6		6	4th year standing	
	Total	6		6		

Fourth Year - First Semester

Course No.	Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
IT 411	IT Project I	3		3	4th year standing	
IT 325N	Software Engineering Fundamentals	3		3	IT 311	
IT 422	Social and Professional Issues in Information Technology	3		3	4th year standing	
IT 424	Field Trips and Seminars		3	3	4th year standing	
Math 7aN	Fundamentals of Probability and Statistics	3		3	4th year standing	
	ITE Elective	(3)(2)	(1)	3	4th year standing	
	Total	12(3)(2)	(1)	18		

Fourth Year - Second Semester

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
	IT 421	IT Project II	3		3	IT 411	
	IT 423	Information Systems Planning/ Information Resources Management	3		3	4th year standing	
	Polit SC 1N	Politics and Governance with Philippine Constitution	3		3	None	
		ITE Elective	(3)(2)	(1)	3	4th year standing	
		Free Elective	3		3	4th year standing	
		Total	12(3)(2)	(1)	15`		

Fourth Year - Second Semester

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite	Co requisites
	IT 421	IT Project II	3		3	IT 411	
	IT 423	Information Systems Planning/ Information Resources Management	3		3	4th year standing	
	Polit SC 1N	Politics and Governance with Philippine Constitution	3		3	None	
		ITE Elective	(3)(2)	(1)	3	4th year standing	
		Free Elective	3		3	4th year standing	
		Total	12(3)(2)	(1)	15`		

ITE Electives: Advanced Topics

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite
	IT 001	Object Oriented Programming	2	1	3	3rd year standing
	IT 002	Artificial Intelligence	3		3	3rd year standing
	IT 003	Neural Networks	3		3	3rd year standing
	IT 004	Knowledge Base and Expert Systems	3		3	3rd year standing
	IT 005	Advanced Database Management Systems	3		3	3rd year standing
	IT 006	Robotics	2	1	3	3rd year standing

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite
	IT 007	Distributed Systems	2	1	3	3rd year standing
	IT 008	E-Commerce	2	1	3	3rd year standing
	IT 009	Information Assurance and Security	3		3	3rd year standing
	IT 010	Information Management Concepts and Fundamentals	3		3	3rd year standing
	IT 011	System Integration and Architecture	3		3	3rd year standing

ITE Electives: Multimedia Systems

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite
	IT 012	Multimedia Systems	2	1	3	3rd year standing
	IT 013	Data Mining	2	1	3	3rd year standing
	IT 014	Data Warehousing	2	1	3	3rd year standing
	IT 015	Graphics Technology and Animation	2	1	3	3rd year standing
	IT 016	Games Technology	2	1	3	3rd year standing
	IT 017	Mobile Technology	2	1	3	3rd year standing
	IT 018	Human Computer Interaction	3		3	3rd year standing
	IT 019	Digital Arts		3	3	3rd year standing
	IT 020	Animation		3	3	3rd year standing

ITE Electives: Certification

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite
	IT 021	Information Technology Certification Review	3		3	3rd year standing
	IT 022	Programming Certification Review	1	2	3	3rd year standing
	IT0 23	Technology Certification	1	2	3	None

Free Electives

Course No.		Descriptive Title	Lec	Lab	Units	Pre-requisite
	ITF 001	Foreign Language	3		3	None
	ITF 002	Personality Development	3		3	None
	ITF 003	Video Production and Editing	3		3	None
	ITF 004	Technology Presentation and Communication	3		3	Engl 7 , Engl 4a