

Information Technology (2006-Curriculum)

Subject Information			Units			Official	
Code	Abbr	Title	Lec	Lab	Tot	Prerequisites	Grade
<u>First Year</u>							
First Semester							
0001002	Eng 101A	Communication Skills I	3	-	3		
0001011	Fil 1	Sining ng Pakikipagtalastasan	3	-	3		
0002003	Math 101	Algebra	3	-	3		
0002005	Math 102	Trigonometry	2	-	2		
0005015	Phl 2	Logic	3	-	3		
0005019	Psy 1	General Psychology	3	-	3		
0017001	ICS 1	Introduction to Information Technology	3	-	3		
0017009	ICS 6	Logic Formulation, Program Tools & Quality Processes	-	1	1		
0901001	Thy 1	Contextualized Salvation History	3	-	3		
	PE 1	Physical Education 1	(2)	-	(2)		
	NSTP 1	National Service and Training Program	(3)	-	(3)		
			23	1	24		
Second Semester							
0001003	Eng 101B	Communication Skills II	3	-	3	Eng 101A	
0001012	Fil 2	Pagbasa at Pagsulat sa Iba't Ibang Disiplina	3	-	3	Fil 1	
0002046	Math 116	Plane & Solid Analytical Geometry	2	-	2	Math 101	
0004023	Phys 102	Physics I	2	-	2	Math 101, Math 102	
0004035	Phys 102L	Physics I (Lab)	-	1	1	Math 101, Math 102	
0005013	PHist	Philippine History	3	-	3		
0017002	ICS 2	Fund of Problem Solving & Programming I	3	-	3	ICS 1, ICS 6	
0017005	ICS 2L	Fund of Problem Solving & Programming I (Lab)	-	2	2	ICS 1, ICS 6	
0901002	Thy 2	Church and Sacraments	3	-	3	Thy 1	
	PE 2	Physical Education 2	(2)	-	(2)		
	NSTP 2	National Service and Training Program	(3)	-	(3)		
			19	3	22		
<u>Second Year</u>							
First Semester							
0002008	Math 102C	Discrete Mathematics I	3	-	3	Math 101	
0004026	Phys 104	Physics II	2	-	2	Phys 102, Phys 102L	
0004039	Phys 104L	Physics II (Lab)	-	1	1	Phys 102, Phys 102L	
0005010	Lit 102	Filipino Literature in English	3	-	3	Eng 101B	
0005020	RC	Rizal Course	3	-	3		
0017003	ICS 3	Fund of Problem Solving & Programming II	3	-	3	ICS 2, ICS 2L	
0017006	ICS 3L	Fund of Problem Solving & Programming II (Lab)	-	1	1	ICS 2, ICS 2L	
0412001	IM 101	Management Principles and Practices	3	-	3		
0412022	IM 151	Accounting I	3	-	3		
0901003	PHL 5	Christian Ethics	3	-	3	Thy 2	
	PE 3	Physical Education 3	(2)	-	(2)		
			23	2	25		
Second Semester							
0001006	Eng 104	Oral Communication Skills	3	-	3	Eng 101B	
0002009	Math 103	Probability and Statistics	2	-	2	Math 101	
0017010	ICS 7	Interface Design & Web Technologies	2	1	3	ICS 3, ICS 3L	
0411003	CS 102	Principles of File Organization	3	-	3	ICS 3	
0412023	IM 152	Accounting II	2	1	3	IM 151	
0413001	IT 101	Basic Electronics	2	-	2	Phys 104, 104L	
0413002	IT 103	Computer System Organization	3	-	3	Math 102C, ICS 2	
0413003	IT 103L	Computer System Organization(Lab)	-	1	1	Math 102C, ICS 2	
0413005	IT 101L	Basic Electronics Lab	-	1	1	Phys 104, Phys 104L	
	PE 4	Physical Education 4	(2)	-	(2)		
			17	4	21		

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Third Year

First Semester

0005002	APP	Art Appreciation	3	-	3	Lit 102	
0411001	CS 101	Data Structures & Algorithms	3	-	3	ICS 3	
0411002	CS 101L	Data Structures & Algorithms (Lab)	-	1	1	ICS 3	
0411004	CS 103	Principles of Operating Systems	3	-	3	IT 103	
0411017	CS 113	Alternative Operating Systems	-	1	1	IT 103	
0412004	IM 201	Database Management System	3	-	3	ICS 7, CS 102	
0412024	IM 201L	Database Management System Lab	-	1	1	ICS 7, CS 102, IM 201	
0413004	IT 102	Logic Circuits w/ Digital Circuit Design	3	-	3	IT 101, IT 101L	
0413021	IT 102L	Logic Circuits w/ Digital Circuit Design (Lab)	-	1	1	IT 101, IT 101L	
0901004	SCL 3	The Social Teachings of the Church	3	-	3	PHL 5	
0902022	SEM 1	Seminar I	-	1	1	ICS 3	

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Second Semester

0001023	Eng 108A	Technical English	3	-	3	Eng 104, Sem 1	
0412006	IM 203	Systems Analysis and Design	3	-	3	IM 201	
0412026	IM 203L	Systems Analysis and Design Lab	-	1	1	IM 201L, IM 203	
0413007	IT 104L	Microcomputer Technology(Lab)	-	1	1	IT 102, IT 102L	
0413010	IT 107	Computer Architecture	3	-	3	ICS 7, IT 103	
0413030	IT 113	Embedded systems	3	-	3	IT103/L, IT102/L	
0413031	IT 256	Data Communications & Networking I	2	-	2	IT 103, IT 103L	
0413032	IT 256L	Data Communications & Networking I (Lab)	-	1	1	IT 103, IT 103L	
0901005	SCL 9	Marriage and Family	3	-	3	Phl 5	
0902030	THS 1	Thesis I	-	1	1	Eng 108A	

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Summer

	PRACT1	Practicum I (324 hrs)	-	6	6	THS1, IM203, IT256	
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Fourth Year

First Semester

0005011	PGC	Phil Government and Constitution	3	-	3		
0412002	IM 102	Human Resource Management	3	-	3	IM 101	
0412015	IM 205	Information Resource Management	3	-	3	IM 203	
0412018	IM 253	Management of Information Systems	3	-	3	IM 203	
0413022	IT 109	Software Engineering	3	-	3	IM 203	
0413033	IT 257	Data communications & Networking II	2	-	2	IT 256	
0413034	IT 257L	Data communications & Networking II (Lab)	-	1	1	IT 256L	
0902031	THS 2	Thesis II	-	2	2	PRACT 1, PRACT2	
	PRACT2	Practicum II (162 hours)	-	3	3	PRACT 1	

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Second Semester

0004019	NS 103	Environmental Science	3	-	3		
0005004	ETAR	Economics w/ Taxation and Agrarian Reform	3	-	3		
0017008	ICS 5	Professional Ethics & Values Education	3	-	3	SCL 3, SCL 9	
0017011	ICS 8	Graphics & Visual Computing	-	1	1	ICS 7	
0413035	IT 258	Network Architectures, Management & Security	3	-	3	IT 256	
0413036	IT 259	Network Administration	3	-	3	IT 257, IT 257L	
0413037	IT 259L	Network Administration Lab	-	1	1	IT 257, IT 257L	
0413038	IT 260	System Quality Assurance	2	-	2	IT 109	
0902023	SEM 2	Seminar II	-	1	1	PRACT 2	

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