

PAMANTASAN NG CABUYAO

Curriculum

Katapatan Subd., Banaybanay, City of Cabuyao, Laguna

Information Technology - Web Development

2014

Course Code	Description	Lec Unit	Lab Unit	Pre-Requisite	Pro. Course
<u>1st yr/1st sem</u>					
PE1	Foundation of Physical Education & Health	2	0	None	NO
MATH1	College Algebra	3	0	None	NO
FIL1	Komunikasyon sa Akademikong Filipino	3	0	None	NO
SOCSCI1	Sociology w/ Family Planning and HIV Education	3	0	None	NO
ETHICS	Ethics for IT Professionals	3	0	None	NO
NSTP1	National Service Training Program 1	3	0	None	NO
CS102a	Computer Programming 1	3	1	None	NO
CS101	Computer Fundamentals w/ Application Software	3	1	None	NO
ENG0	Intensive Grammar Review	3	0	None	NO
	Total Units	26	2		
<u>1st yr/2nd sem</u>					
NSTP2	National Service Training Program 2	3	0	NSTP1;	NO
MATH2	Trigonometry	3	0	MATH1;	NO
PE2	Gymnastics / Rhythmic Activities	2	0	PE1;	NO
ENG1	Communication Skills 1	3	0	ENG0;	NO
ITE11	Application Software (Pure Lab)	3	0	CS101;	NO
FIL2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	FIL1;	NO
CS105	Data Structure and Algorithms	3	1	CS102a;	NO
CS103	Quality Consciousness, Habits & Process	3	0	ETHICS;	NO
CS104a	Database Management System 1	3	1	CS102a;	NO
	Total Units	26	2		
<u>2nd yr/1st sem</u>					
MATH3	Analytic Geometry	3	0	MATH2;	NO
FIL3	Masining na Pagpapahayag	3	0	FIL2;	NO
ENG2	Communication Skills 2	3	0	ENG1;	NO
CS106	Discrete Math with Abstract Algebra	3	0	MATH2;	NO
PE3	Individual/Dual Sports	2	0	PE1;	NO
CS102b	Computer Programming 2	3	1	CS105;	NO
CS104b	Database Management System 2	3	1	CS104a;	NO
PHYSICS1a	Mechanics, Heat and Sound	3	0	MATH2;	NO

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PHILO1	Intro. To Philosophy and Logic	3	0	None	NO
SOCSCI2	Philippine Government and Constitution	3	0	None	NO
Total Units		29	2		

2nd yr/2nd sem

CS107a	Object-Oriented Programming 1	3	1	CS102b;	NO
ITE12	System Analysis and Design	3	0	CS104b;	NO
ENG3	Fundamentals of Speech Communication	3	0	ENG2;	NO
IT102	Database Administration	3	0	CS104b;	NO
CS108	Logic Design and Switching	3	0	CS106;	NO
CS109a	Web Development 1	3	1	CS102b;	NO
PHYSICS2a	Electricity and Magnetism	3	0	PHYSICS1a;	NO
CS110a	Data Communication 1	3	1	CS102a;	NO
PE4	Team Sports	2	0	PE1;	NO
Total Units		26	3		

3rd yr/1st sem

LIT1	Introduction to Philippine Literature	3	0	ENG2;	NO
STAT1	Basic and Applied Statistics	3	0	MATH2;	NO
CS112	Principles of Operating System	3	1	CS105;	NO
CS109c	Web Development 3	3	1	CS109a;	NO
ENG4	Business, Technical and Report Writing	3	0	ENG3;	NO
IT103	Information System Security	3	0	CS103;	NO
CS109b	Web Development 2	3	1	CS109a;	NO
CS107b	Object Oriented Programming 2	3	1	CS107a;	NO
HUM1	Intro to Humanities	3	0	None	NO
Total Units		27	4		

3rd yr/2nd sem

CS116	Thesis 1	3	0	CS107b; CS109c;	NO
CS109d	Web Development 4	3	1	CS109b; CS109c;	NO
PSYCHO1	General Psychology	3	0	None	NO
ELECT1	Free Elective 1	3	0	None	NO
ELECT2	Free Elective 2	3	0	None	NO
ITE14	Mobile Application Development	3	1	CS107b;	NO

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ITE13	Object Oriented Analysis and Design using UML	3	1	CS107b;	NO
IT107	Multimedia System (Pure Lab)	3	0	HUM1;	NO
STAT2	Advance Statistics	3	0	STAT1;	NO
Total Units		27	3		

4th yr/1st sem

RIZAL	Life and Works of Rizal	3	0	None	NO
CS109e	Web Development 5	3	1	CS109d;	NO
ACCTG1a	Fundamentals of Accounting 1	3	0	MATH1;	NO
CS117	Thesis 2	3	0	CS116;	NO
CS118	Computer Graphics Programming	3	1	IT107;	NO
IT101	E-commerce	3	0	IT103;	NO
CS121	Animation (Pure Lab)	3	0	IT107;	NO
ELECT3	Free Elective 3	3	0	None	NO
HIST1	Philippine History	3	0	None	NO
Total Units		27	2		

4th yr/2nd sem

ELECT4	Free Elective 4	3	0	None	NO
IT500	On-the-Job Training (500 hrs)	9	0	4th Year Standing	NO
CS120	Seminars	3	0	4th Year Standing	NO
Total Units		15	0		