



**UNIVERSITY OF PERPETUAL HELP SYSTEM
DALTA**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE
CY 2007-2008
CMO 53 – S. 2006
Enhanced 2008**



COURSE CODE	DESCRIPTIVE TITLE	TOTAL UNITS	LEC.	LAB.
FIRST YEAR				
1st Semester				
CS 111	Computer Science Fundamentals – Lec.	3	2	
CS 111L	Computer Science Fundamentals – Lab.			1
CS 112	Programming 1 – Lec.	3	2	
CS 112L	Programming 1 – Lab.			1
MAT 100	Algebra	3	3	-
ENG 100	Communication Skills 1	3	3	-
SOC 300	Fundamentals of Logic	3	3	-
PE 100	Physical Fitness	2	2	-
FCL 102	The Perpetualite: Identity and Dignity	2	2	-
NSTP 100	National Services Training Program 1	<u>3</u>	<u>3</u>	-
		22	20	2
2nd Semester				
CS 121	Programming 2 – Lec.	3	2	
CS 121L	Programming 2 – Lab.			1
CS 122	Data Structures	3	3	-
MAT 205	Plane Trigonometry	3	3	-
ENG 200	Communication Skills 2	3	3	-
PHY 106	Physics 1 - Force and Motion – Lec.	3	2	
PHY 106L	Physics 1 – Force and Motion – Lab.			1
FCL 202	The Perpetualite: A Man of God	2	2	-
PE 200	Social Dances	2	2	-
NSTP 200	National Services Training Program 2	<u>3</u>	<u>3</u>	-
		22	20	2
SECOND YEAR				
1st Semester				
CS 211	Object-Oriented Programming – Lec.	3	2	1
CS 211L	Object-Oriented Programming – Lab.			
CS 212	Design & Analysis of Algorithms	3	3	-
CS 213	Discrete Structures	3	3	-
MAT 206	Calculus	3	3	-
PHY 206	Physics 2 – Electromagnetism – Lec.	3	2	
PHY 206L	Physics 2 – Electromagnetism – Lab.			1
ENG 300	Speech and Oral Communication	3	3	-
FCL 302	The Perpetualite: Called to Perfection	2	2	-
PE 300	Individual/Dual Sports	<u>2</u>	<u>2</u>	-
		22	20	2
2nd Semester				
CS 221	Database Systems – Lec.	3	2	
CS 221L	Database Systems – Lab			1
CS 222	Programming Languages – Lec	3	2	1
CS 222L	Programming Languages – Lab			
CS 223	Automata & Language Theory	3	3	-
CS 224	Digital Design – Lec.	3	2	1
CS 224L	Digital Design – Lab.			
MAT 305	Probability and Statistics	3	3	-
SOC 405	Philippine History & Culture	3	3	-
FCL 402	The Perpetualite: Man for Others	2	2	-
PE 400	Team Sports	<u>2</u>	<u>2</u>	-
		22	19	3

COURSE CODE	DESCRIPTIVE TITLE	TOTAL UNITS	LEC.	LAB.
<u>THIRD YEAR</u>				
1st Semester				
CS 311	Web Programming – Lec.	3	2	
CS 311L	Web Programming – Lab.			1
CS 312	System Analysis and Design – Lec.	3	2	
CS 312L	System Analysis and Design – Lab.			1
CS 313	Comp. Archi. w/ Assembly Lang. - Lec	3	2	
CS 313L	Comp. Archi. w/ Assembly Lang. - Lab			1
CS 314	CS – Elective 1 – Artificial Intelligence	3	3	-
PSY 100	Psychology	3	3	-
HUM 300	Art Appreciation	3	3	-
FIL 103	Komunikasyon sa Akademikong Filipino	3	3	-
FCL 502	The Perpetualite: A Filipino Christian Leader	<u>2</u>	<u>2</u>	<u>-</u>
		23	20	3
2nd Semester				
CS 321	Software Engineering – Lec.	3	2	
CS 321L	Software Engineering – Lab.			1
CS 322	Operating Systems – Lec.	3	2	
CS 322L	Operating Systems – Lab.			1
CS 323	CS-Elective 2 – Lec. - Graphics & Visualization	3	2	
CS 323L	CS-Elective 2 – Lab. - Graphics & Visualization			1
CS 324	Free Elective (Numerical Analysis)	3	3	-
SOC 700	Life & Works of Rizal	3	3	-
FIL 204	Pagbasa at Pagsulat tungo sa Pananaliksik	3	3	-
FCL 602	The Perpetualite: A Minister of Life	<u>2</u>	<u>2</u>	<u>-</u>
		20	17	3
<u>SUMMER</u>				
CS500	OJT/Practicum	3		
<u>FOURTH YEAR</u>				
1st Semester				
CS 411	Thesis 1	3	3	-
CS 412	Network Prin. & Programming – Lec.	3	2	
CS 412L	Network Prin. & Programming – Lab.			1
CS 413	Professional Ethics	3	3	-
CS 414	CS Elective 3 - Lec. (Operating Systems: Configuration & Use)	3	2	
CS 414L	CS Elective 3 - Lab.(Operating Systems: Configuration & Use)			1
CS 415	Compiler Design – Lec.	3	2	
CS 415L	Compiler Design – Lab.			1
SOC 500	Economics with TAR	3	3	-
FCL 702	The Perpetualite: A Character and Nation Builder	<u>2</u>	<u>2</u>	<u>-</u>
		20	17	3
2nd Semester				
CS 421	Thesis 2	3	3	-
CS 422	CS Elective 4 – Issues and Seminar	3	3	-
CS 423	Free Elective – Operation Research	3	3	-
HUM 200	World Literature	3	3	-
CS 424	Free Elective – Lec. Object.-Oriented Prog.2	3	2	1
CS 424L	Free Elective – Lab.Object-Oriented Prog. 2			-
FIL 301	Masining na Pagpapahayag	3	3	
FCL 802	The Perpetualite: A Helper of God	<u>2</u>	<u>2</u>	<u>-</u>
		17	16	1