DIVINE WORD COLLEGE OF LAOAG

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
Effective Academic Year 2010-2011

Student Number : _____
Student Name : _____

IMPORTANT : REGISTRATION IN ANY SUBJECT WITHOUT ALL THE NECESSARY PRE-REQUISITES, CORRECT SEQUENCE OR AUTHORIZED OVERLOAD WILL NOT BE GIVEN CREDIT REGARDLESS OF THE GRADE OBTAINED.

		First Year	**First Semester**	TOTAL	HOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
_____	_____	CS 001	Intro. to Computer Science	3	2	3	
_____	_____	ITE 003	Programming Language 1	3	2	3	
_____	_____	ENG 001	Study and Thinking Skills	3	3	-	
_____	_____	MATH 002	College Algebra	3	3	-	
_____	_____	HUM 001	Art & Art Appreciation	3	3	-	
_____	_____	FIL 001	Komunikasyon sa Akademikong Filipino	3	3	-	
_____	_____	REL ED 001	Survey of the Old Testament with Basic Catechism	3	3	-	
_____	_____	PE 001	Physical Fitness	2	2	-	
_____	_____	NSTP 001	Civic Welfare Training Service	3	3	-	
				26			

		First Year	**Second Semester**	TOTAL	HOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
_____	_____	ITE 005	Programming Language 2	3	2	3	ITE 003
_____	_____	CS 202	Data Structures	3	2	3	ITE 003
_____	_____	ENG 002	Writing in the Discipline (Communications for IT)	3	3	-	ENG 001
_____	_____	MATH 003	Trigonometry	3	3	-	MATH 002
_____	_____	HUM 002	Introduction to Philosophy	3	3	-	HUM 001
_____	_____	FIL 002	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	3	-	FIL 001
_____	_____	REL ED 002	Christology with Mariology	3	3	-	REL ED 001
_____	_____	PE 002	Dances	2	2	-	PE 001
_____	_____	NSTP 002	Civic Welfare Training Service	3	3	-	NSTP 001
				26			

		Second Year	**First Semester**	TOTAL	IOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
_____	_____	ITE 006	Technical Presentation Skills	3	2	3	CS 001, ENG 002
_____	_____	ITE 008	PC Troubleshooting and Maintenance	3	2	3	CS 001
_____	_____	CS 201	Digital Design	3	2	3	MATH 003
_____	_____	LIT 001	Philippine Literature	3	3	-	ENG 002
_____	_____	MATH 012	Discrete Structure	3	3	-	MATH 003
_____	_____	MATH 013	College Calculus	3	3	-	MATH 003
_____	_____	SOC SCI 006	Society & Culture w/ FP, Drug Educ. HIV Ed.	3	3	-	
_____	_____	REL ED 003	Church and Sacraments	2	3	-	REL ED 002
_____	_____	PE 003	Recreational Activities	3	2	-	PE 001
				26			

		Second Year	**Second Semester**	TOTAL	IOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
_____	_____	CS 204	Design and Analysis of Algorithm	3	2	3	CS 202
_____	_____	ITE 007	Computer Org. and Assembly Language	3	2	3	ITE 008
_____	_____	CS 205	Operating Systems	3	2	3	ITE 008
_____	_____	ENG 003	Speech Communication	3	3	-	ENG 002
_____	_____	SOC SCI 004	Economics with Taxation and Land Reform	3	3	-	
_____	_____	PSYCH 001	General Psychology	3	3	-	
_____	_____	REL ED 004	Christian Morality	3	3	-	REL ED 002
_____	_____	PE 004	Team Sports	2	2	-	PE 001
				23			

		Third Year	First Semester	TOTAL	HOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
		CS 203	Database Systems	3	2	3	ITE 005
		ITE 013	Object Oriented Programming	3	2	3	CS 202
		PROF IT ELEC 1	IT Elective 1 (Computer Graphics)	3	2	3	
		PROF IT ELEC 2	IT Elective 2 (Systems Analysis and Design)	3	2	3	CS 202
		FREE ELEC 1	FREE Elective 1 (Accounting Financials)	3	3	-	MATH 002
		STAT 001	Statistics	3	3	-	MATH 002
		SOC SCI 003	Philippine Government & Constitution	3	3	-	
		PHY 001	College Physics	3	3	-	MATH 003
				24			

		Third Year	Second Semester	TOTAL	HOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
		ITE 014	Software Engineering	3	2	3	CS 203
		ITE 011	Web Programming	3	2	3	CS 203
		ITE 004	Code of Ethics for IT Professionals	3	3	-	CS 001
		PROF IT ELEC 3	IT Elective 3 (Multimedia Systems)	3	2	3	
		CS 207	Automata and Language Theory	3	3	-	CS 203
		FREE ELEC 2	FREE Elective 2 (Foreign Language)	3	3	-	
		SOC SCI 007	Life, Works & Writings of Jose Rizal	3	3	-	
		NS 003	Environmental Science and Management	3	3	-	NS 001
				24			

			Summer	TOTAL	HOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
		CS OJT 208	Internship / OJT / Practicum (200 hours)	3		9	***Completion of all subjects from 1st year to 3rd year***
				3			

		Fourth Year	First Semester	TOTAL	HOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec	Lab	Pre-requisites
		CS 209	Thesis 1	3	2	3	Completion of CS OJT 208
		CS 210	Network Principles and Programming	3	2	3	CS 205
		CS 211	Modeling & Simulation	3	3	-	CS 207
		CS 206	Structures of Programming Languages	3	2	3	ITE 013
				12			

		Fourth Year	Second Semester	TOTAL	HOURS		
		SUBJECT CODE	**SUBJECT DESCRIPTION**	Units	Lec/Lab		Pre-requisites
		CS 212	Thesis 2	3	2	3	CS 209
		PROF IT ELEC 4	IT Elective 4 (Special Topics)	3	2	3	
		FREE ELEC 3	FREE Elective 3 (Linear Algebra)	3	3	-	
				9			

Suggested Free Electives (Mathematics)

FREE ELEC 1	Accounting Financials
FREE ELEC 3	Linear Algebra

Suggested Free Electives (Languages)

FREE ELEC 2	Foreign Language

Professional IT Electives

PROF IT ELEC 1	Computer Graphics
PROF IT ELEC 2	Systems Analysis and Design
PROF IT ELEC 3	Multimedia Systems
PROF IT ELEC 4	Special Topics

Evaluated by: _____ Date: _____
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