



Republic of the Philippines
CAVITE STATE UNIVERSITY
 Don Severino delas Alas Campus
 Indang, Cavite

REVISED CURRICULUM FOR BS COMPUTER SCIENCE

Name of Student: _____
 Home Address: _____
 Sex: _____ Date of Birth: _____
 Last School Attended: _____
 School Address: _____
 SHS Track: _____ Date of Admission: _____

FIRST YEAR

First Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
GNED 02	Ethics	3	3			
GNED 05	Purposive Communication	3	3			
GNED 11	Kontesktwalisadong Komunikasyon sa Filipino	3	3			
COSC 50	Discrete Structures I	3	3			
DCIT 21	Introduction to Computing	3	2	3		
DCIT 22	Computer Programming I	3	1	6		
FITT 1	Movement Enhancement	2	2			
NSTP 1	National Service Training Program 1	3	3			
CvSU 101	Institutional Orientation (non-credit)	(1)	1			
TOTAL			21	9		

Second Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
GNED 01	Art Appreciation	3	3		None	
GNED 03	Mathematics in the Modern World	3	3		None	

GNED 06	Science, Technology and Society	3	3		None	
GNED 12	Dalumat Ng/Sa Filipino	3	3		GNED 11	
DCIT 23	Computer Programming II	3	1	6	DCIT 22	
ITEC 50	Web Systems and Technologies	3	2	1	DCIT 21	
FITT 2	Fitness Exercises	2	2		FITT 1	
NSTP 2	National Service Training Program 2	3	3		NSTP 1	
TOTAL			20	9		

SECOND YEAR

First Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
GNED 04	Mga Babasahin Hinggil sa Kasaysayan ng Pilipinas	3	3		None	
MATH 1	Analytic Geometry	3	3		GNED 03	
COSC 55	Discrete Structures II	3	3		COSC 50	
COSC 60	Digital Logic Design	3	2	3	COSC 50, DCIT 23	
DCIT 50	Object Oriented Programming	3	2	3	DCIT 23	
DCIT 24	Information Management	3	2	3	DCIT 23	
INSY 50	Fundamentals of Information Systems	3	3		DCIT 21	
FITT 3	Physical Activities towards Health and Fitness 1	2	2		FITT 1	
TOTAL			20	9		

Second Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
GNED 08	Understanding the Self	3	3		None	
GNED 14	Panitikang Panlipunan	3	3		None	
MATH 2	Calculus	3	3		MATH 1	
COSC 65	Architecture and Organization	3	2	3	COSC 60	
COSC 70	Software Engineering I	3	3		DCIT 50, DCIT 24	

DCIT 25	Data Structures and Algorithms	3	2	3	DCIT 23	
DCIT 55	Advanced Database Management System	3	2	3	DCIT 24	
FITT 4	Physical Activities towards Health and Fitness 2	2	2		FITT 1	
TOTAL			20	9		

THIRD YEAR

First Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
MATH 3	Linear Algebra	3	3		MATH 2	
COSC 75	Software Engineering II	3	2	3	COSC 70	
COSC 80	Operating Systems	3	2	3	DCIT 25	
COSC 85	Networks and Communication	3	2	3	ITEC 50	
COSC 101	CS Elective 1 (Computer Graphics and Visual Computing)	3	2	3	DCIT 23	
DCIT 26	Applications Dev't and Emerging Technologies	3	2	3	ITEC 50	
DCIT 65	Social and Professional Issues	3	3		None	
TOTAL			14	15		

Second Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
GNED 09	Life and Works of Rizal	3	3		GNED 04	
MATH 4	Experimental Statistics	3	2	3	MATH 2	
COSC 90	Design and Analysis of Algorithm	3	3		DCIT 25	
COSC 95	Programming Languages	3	3		DCIT 25	
COSC 106	CS Elective 2 (Introduction to Game Development)	3	2	3	MATH 3, COSC 101	
DCIT 60	Methods of Research	3	3		3rd yr. Standing	
ITEC 85	Information Assurance and	2	3		DCIT 24	

	Security					
TOTAL			19	6		

Midyear Term

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
COSC 199	Practicum	3			Incoming 4 th yr.	
TOTAL						

FOURTH YEAR

First Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
ITEC 80	Human Computer Interaction	1	3		ITEC 85	
COSC 100	Automata Theory and Formal Languages	3	3		COSC 90	
COSC 105	Intelligent Systems	3	2	3	MATH 4, COSC 55, DCIT 50	
COSC 111	CS Elective 3 (Internet of Things)	3	2	3	COSC 60	
COSC 200A	Undergraduate Thesis I	3	1		4th year Standing	
TOTAL			11	6		

Second Semester

COURSE CODE	COURSE TITLE	CREDIT	CONTACT HOURS		PRE-REQUISITE	REMARKS
			LEC	LAB		
GNED 07	The Contemporary World	3	3		None	
GNED 10	Gender and Society	3	3		None	
COSC 110	Numerical and Symbolic Computation	3	2	3	COSC 60	
COSC 200B	Undergraduate Thesis II	3	1		COSC 200A	
TOTAL						