



**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**  
**NEW CURRICULUM**  
**EFFECTIVE S.Y. 2014-2015**

COURSE	DESCRIPTIVE TITLE	HOURS		UNITS	PRE-REQUISITE	FINAL GRADE	RE-EXAM
		LEC	LAB				
<b>FIRST YEAR</b>							
<b>FIRST SEMESTER</b>							
ENGL 1	Study & Thinking Skills in English	3	0	3	NONE		
FIL 1	Sining ng Pakikipagtalastasan	3	0	3	NONE		
MATH 1	College Algebra	3	0	3	NONE		
IT 1	IT Fundamentals	2	3	3	NONE		
IT 2	Programming 1	2	3	3	NONE		
SOC SCI 1	Basic Economics with Taxation & Agrarian Reform	3	0	3	NONE		
SOC SCI 3	Politics & Governance with Philippine Consti.	3	0	3	NONE		
PE 1	Gymnastics & Body Mechanics	2	0	2	NONE		
NSTP 1	CWTS/ROTC	0	0	(3)	NONE		
<b>TOTAL UNITS</b>				<b>23</b>			
<b>SECOND SEMESTER</b>							
ENGL 2	Writing in the Discipline	3	0	3	ENGL 1		
FIL 2	Pagbasa at Pagsulat sa Iba't Ibang Disiplina	3	0	3	FIL 1		
MATH 2	Plane Trigonometry	3	0	3	MATH 1		
IT 3	Programming 2	2	3	3	IT 2		
IT 4	Discrete Structures	2	0	3	MATH 1		
SOC SCI 2	General Psychology	3	0	3	NONE		
PE 2	Rhythmic Activities	2	0	2	NONE		
NSTP 2	CWTS/ROTC	0	0	(3)	NSTP 1		
<b>TOTAL UNITS</b>				<b>20</b>			
<b>SECOND YEAR</b>							
<b>FIRST SEMESTER</b>							
ENGL 3	Speech	3	0	3	ENGL 2		
HUM 1	Arts	3	0	3	NONE		
LIT 2	Literature of the World	3	0	3	NONE		
CHEM 1	General Chemistry	2	3	3	NONE		
SOC SCI 4	Society & Culture with Family Planning	3	0	3	NONE		
IT 5	Computer Organization	2	3	3	MATH 1, IT 1, IT 2		
IT 6	Object Oriented Programming	2	3	3	IT 3		
PE 3	Individual & Dual Sports	2	0	2	NONE		
<b>TOTAL UNITS</b>				<b>23</b>			
<b>SECOND SEMESTER</b>							
IT 7	Network Design and Management	2	3	3	IT 5		
IT 8	Database Management System (DBMS1)	2	3	3	IT1, IT 6		
IT 9	Operating Systems Applications	2	3	3	IT 5		
PHYSICS 1A	General Physics	2	3	3	NONE		
MATH12a	Probability & Statistics	3	0	3	MATH 1		
HUM 2	Philosophy	3	0	3	NONE		
PE 4	Team Sports	2	0	2	NONE		
<b>TOTAL UNITS</b>				<b>20</b>			

THIRD YEAR						
<b>FIRST SEMESTER</b>						
IT 10	Web Development	2	3	3	IT 8 co-req IT 12	
IT 11	Systems Analysis and Design	2	3	3	IT 8	
IT 12	Database Administration (DBMS2)	2	3	3	IT 8	
IT 13	IT Elective 1	2	3	3	3YS	
IT 14	Free Elective 1	2	3	3	3YS	
ACCT 1.1	Fundamentals of Accounting	3	0	3	NONE	
SOC SCI 5	Rizal's Life, Works & Writings	3	0	3	NONE	
<b>TOTAL UNITS</b>				<b>21</b>		
<b>SECOND SEMESTER</b>						
IT 15	IT Research & Development (Capstone 1)	3	0	3	3YS	
IT 16	Software Engineering	2	3	3	IT 11, IT 12	
IT 17	Multimedia Systems	2	3	3	IT 10	
IT 18	IT Elective 2	2	3	3	IT 14	
IT 19	Free Elective 2	2	3	3	IT 15	
<b>TOTAL UNITS</b>				<b>15</b>	NONE	
FOURTH YEAR						
<b>FIRST SEMESTER</b>						
FL 1	Foreign Language	3	0	3	NONE	
IT 20	Professional Ethics	3	0	3	4YS	
IT 21	IT Elective 3	2	3	3	4YS	
IT 22	IT Elective 4	2	3	3	4YS	
IT 23	Free Elective 3	2	3	3	IT 19	
IT 24	Capstone Project (Technopreneurship)	3	0	3	4YS	
<b>TOTAL UNITS</b>				<b>18</b>		
<b>SECOND SEMESTER</b>						
IT 25	Internship/OJT/Practicum (486 hrs)	0	9	9	Senior Standing	
<b>TOTAL UNITS</b>				<b>9</b>		

**BSIT TOTALS** **143**  
**PLUS Recommended Courses** **12**  
**155**

**IT ELECTIVES**

- IT ELEC 1 IT PROJECT MANAGEMENT  
ISS & NETWORK OPERATING SYSTEM
- IT ELEC 2 ADMINISTRATION
- IT ELEC 3 WIRELESS & WAN TECHNOLOGY
- IT ELEC 4 SYSTEMS INTEGRATION & DEVELOPMENT

**FREE ELECTIVES**

	LEC	LAB
FREE ELEC 1 COMPUTER HARDWARE SERVICING	1	6
FREE ELEC 2 GRAPHICS DESIGN	2	3
FREE ELEC 3 COMPUTER AIDED DESIGN	2	3

**Prepared by:**

**CARMELO ALEJO D. BISUERA**  
Chairman, IT Department