University of Cebu

College of Information and Computer Studies

Cebu City

A ladderized curriculum leading to the degree

Bachelor of Science in Information Technology (BSIT)

Effective School Year 2012 - 2013 (**G.R. No. 005 s. 2008**)

Student Number: _____   Date Started: _____

Name: _____   Expected date of Graduation: _____

FIRST YEAR

First Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Engl 1C	Grammar and Composition	3	0	3	3	
Engl 1	Study and Thinking Skills	3	0	3	3	
Fil 1D	Komunikasyon sa Akademikong Filipino	3	0	3	3	
Math 1	College Algebra	3	0	3	3	
Psych 1	General Psychology	3	0	3	3	
Rizal	Life and Works of Dr. Jose Rizal	3	0	3	3	
ITFund11	IT Fundamentals with Productivity Tools	2	1	3	5	
ComProg11	Problem Solving and Programming 1	2	1	3	5	
PE 1	Self-Testing Activities	2	0	[2]	2	
NSTP 1	National Service Training Program 1	3	0	[3]	3	
		27	2	**24/29**	33	

Second Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Engl 2	Writing in the Discipline	3	0	3	3	Engl 1C, Engl 1
Fil 2J	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	3	3	Fil 1D
Math 7	Plane Trigonometry	3	0	3	3	Math 1
Hist 1	Philippine History	3	0	3	3	None
Philo 2	Logic	3	0	3	3	None
ComProg12	Computer Programming 2	2	1	3	5	ComProg11
WebDev12	Web Design and Development	2	1	3	5	ComProg11
Ethics12	Professional Ethics in IT	3	0	3	3	None
PE 2	Rhythmic Activities	2	0	[2]	2	PE 1
NSTP 2	National Service Training Program 2	3	0	[3]	3	NSTP 1
		27	2	**24/29**	33	

SECOND YEAR

First Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Engl 3	Speech Communication	3	0	3	3	Engl 2
Math 17	Discrete Mathematics	3	0	3	3	Math 7
Phys 1A	College Physics 1	3	1	4	6	Math 7
Hum 1	Art Appreciation	3	0	3	3	None
Econ 1	Basic Economics w/ Taxation and Land Reform	3	0	3	3	None
ComProg21	Computer Programming 3	2	1	3	5	ComProg12
MulSys21	Multimedia Systems	2	1	3	5	WebDev12
ComOrg21	Computer Systems Organization	3	0	3	3	ITFund11
PE 3	Fundamentals of Games and Sports	2	0	[2]	2	PE 2
		24	3	**25/27**	33	

Second Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Math 21A	Probability and Statistics	3	0	3	3	Math 1
Phys 2A	College Physics 2	3	1	4	6	Phys 1A
Pol Sc 6	Politics and Governance w/ Philippine Constitution	3	0	3	3	None
TechWrite22	Technical Writing and Presentation Skills in IT	3	0	3	3	Engl 3
ComProg22	Computer Programming 4	2	1	3	5	ComProg21
DataStruc22	Data Structures 1	2	1	3	5	ComProg21
OpSys22	Operating Systems Applications	2	1	3	5	ComOrg21
SAD22	Systems Analysis and Design	3	0	3	3	ComProg21
PE 4	Recreational Activities and Team Sports	2	0	[2]	2	PE 3
		23	4	**25/27**	35	

At the end of Second Year: (i.e. all comprising subjects are taken and passed),
 - the student is qualified to take the Competency assessment leading to the National Certificate (NC II - Computer Hardware Servicing)
 - the student earns an Associate in Computer Technology (ACT). He/She needs to apply for graduation at the Registrar's Office to earn this.

THIRD YEAR

First Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Lit 11	Literatures of the World	3	0	3	3	Engl 2
Acctg 1G	Accounting Principles	3	0	3	3	Math 1
DataComm31	Principles of Data Communication and Networking	2	1	3	5	OpSys22
DataStruc31	Data Structures 2 with Algorithm Analysis	2	1	3	5	DataStruc22
DBSys31	Database Systems 1	2	1	3	5	SAD22
ITElec_ _ _ _	IT Elective 1	2	1	3	5	
FreeEl_ _ _ _	Free Elective 1	3	0	3	3	
		17	4	**21**	29	

Second Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Res 1	Research Methods	3	0	3	3	Math 21A, TechWrite22
Mgt 1A	Business Management with Technopreneurship	3	0	3	3	None
AIS32	Accounting Information Systems	2	1	3	5	Acctg 1G, DBSys31
DBSys32	Database Systems 2	2	1	3	5	DBSys31
SoftEng32	Introduction to Software Engineering	3	0	3	3	SAD22
ITElec_ _ _ _	IT Elective 2	2	1	3	5	
FreeEl_ _ _ _	Free Elective 2	3	0	3	3	
		18	3	**21**	27	

At the end of Third Year, the student is qualified to take the Competency assessment leading to the National Certificate (NC IV - Programming) with **WTR No. 0707022165**

FOURTH YEAR

First Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Pract41	Practicum 1	0	6	6	18	4th year standing
Capstone41	Capstone Project 1	3	0	3	3	SoftEng32, AIS32
ITElec_ _ _ _	IT Elective 3	2	1	3	5	
FreeEl_ _ _ _	Free Elective 3	3	0	3	3	
		8	7	**15**	29	

Second Semester

Subject Code	Descriptive Title	Lec Units	Lab Units	Total Units	Hrs.per Wk	Pre-requisites
Socio 1A	Society and Culture with Family Planning	3	0	3	3	None
Pract42	Practicum 2	0	3	3	9	4th year standing
Capstone42	Capstone Project 2	3	0	3	3	Capstone41
ITElec_ _ _ _	IT Elective 4	2	1	3	5	
FreeEl_ _ _ _	Free Elective 4	3	0	3	3	
		11	4	**15**	23	

ITE Electives:

ITElecWEB	**Web Development Track**	ITElecANM	**Animation Technology Track**
	-WEB1 (Client-side Coding)		-ANM1 (Basics of Animation Technology)
	-WEB2 (Server-side Coding)		-ANM2 (2D Animation)
	-WEB3 (Web Applications Development using J2EE)		-ANM3 (3D Animation)
	-WEB4 (Web Applications Development using .NET)		-ANM4 (3D Modeling)
ITElecMOB	**Mobile Technology Track**	ITElecCCNA	**CISCO Networking Track**
	-MOB1 (J2ME Programming)		-CCNA1 (Network Fundamentals)
	-MOB2 (Mobile Networking and Game Programming)		-CCNA2 (Basic Routing Technologies)
	-MOB3 (Android Applications)		-CCNA3 (Switching and Advanced Routing)
	-MOB4 (.NET Mobile Programming)		-CCNA4 (WAN Technologies)
ITElecIBM	**IBM Modules/Track**	IT Elec_ _ _	**Other Electives**
	-IBM1 (Web Applications/EJB using Rational)		-LSP (Legacy Systems Programming)
	-IBM2 (Websphere Application Server Administration)		-ERP (ERP Systems)
	-IBM3 (Business Analytics and Optimization)		-PIC (PIC Technologies)
	-IBM4 (Midrange Data Management)		-PLT (Programming Language Trends)

Free Electives:

Certification Exams Review (e.g. PhilNITS, SCJP, MCSE, CCNA, DBA, etc.), Trends in IT, Foreign Languages, IT Security, Cloud Computing Systems Testing, Project Management, Human-Computer Interaction, Embedded Systems, Graphics and Visualizations, Undergraduate Seminars and Field Trips, Parallel Computing, Compiler Design, Intro to Artificial Intelligence, other ICT electives

Summary:

A. General Education Subjects (Language & Literature, Social Sciences, Mathematics, etc.)	65	credits
B. IT Core Subjects	18	credits
C. IT Professional Subjects (including Mgt & Accounting)	63	credits
C. IT Electives	24	credits
D. Other Subjects (PE and NSTP)	[14]	credits
170/184		TOTAL credits

NOTE: 1) Additional Elective subjects may be added at the discretion of the Dean.
2) Elective tracks may not be followed especially for irregular students but 2nd to 4th courses of any track cant be taken ahead.
3) Senior's retreat is a requirement to graduation.