

Program: **Bachelor of Science in Information Technology**

Department: Information Technology Department

College: College of Engineering and Information Technology

Date of Last Revision: February 2014

Effectivity: AY: 2014 - 2015

First Year - First Semester

Courseno	Description	Units	Units			Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec		
Math 1.7	College Algebra	3	0	3	0	3		
Math 2.1	Plane Spherical Trigonometry	3	0	3	0	3		
Eng 1	Study and Thinking Skills	3	0	3	0	3		
IT 1	Computer Concepts and Fundamentals	3	1	2	3	2		
ACCTG 1	Basic Accounting I	3	0	3	0	3		
Fil 1	Komunikasyon sa Akademikong Filipino	3	0	3	0	3		
PE 1	Physical Fitness	2	0	2	0	2		
NSTP 1	CMT/LTS	3	0	3	0	3		
		23	1	22	3	22		

First Year - Second Semester

Courseno	Description	Units	Units			Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec		
Math 6.4	Analytic Geometry	3	0	3	0	3	Math 1.7, Math 2.1	
Math 4	Analytic Geometry	2		2		2	Math 1.7	
CSC 101	Fund. Of Problem Solving and Programming I	3	1	2	2	3	Math 1.7, IT 1	
SOCSCI 4	Philippine History with New Constitution	3	0	3	0	3		
Eng 2	Writing in the Discipline	3	0	3	0	3	Eng 1	
ACCTG 2	Basic Accounting II	3	0	3	0	3	ACCTG 1	
Fil 2	Pagbasa at Pagsulat tungo sa Pananaliksik	3	0	3	0	3	Fil 1	
PE 2	Rhythmic Activities	2	0	2	0	2	PE 1	
NSTP 2	CMT/LTS	3	0	3	0	3		
		25	1	24	2	25		

Second Year - First Semester

Courseno	Description	Units	Units			Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec		
IT 18	Graphics Applications	3	1	2	3	2	IT 1	
CSC 121	Data Structures I	3	1	2	3	2	CSC 101	
Philo 2	Introduction to Logic	3	0	3	3	0		
ES 101	Fundamentals of Environmental Sciences	3	0	3	3	0		
IT 100	Operating System Utilities and Applications I	3	1	2	3	2	CSC 101	
Engl 3	Speech and Oral Communication	3	0	3	0	3	Eng 1	
LIT 1	Philippine Literature	3	0	3	0	3		
PE 3	Individual & Dual Sports	2	0	2	2	0	PE 1	
		23	3	20	17	12		

Second Year - Second Semester

Courseno	Description	Units	Units			Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec		
IT 101	Operating System Utilities and Applications II	3	1	2	3	2	IT 100	
CSC 122	Data Structures II	3	0	3	0	3	CSC 121	
CSC 141	Discrete Mathematics for Scientist & Engineers	3	0	3	3	0	Math 4, Philo 2	

IT 110	Web Page Design ang Development	3	1	2	3	2	IT 18 and CSC 121
IT 106	Concepts and Applications of RDBMS I	3	1	2	3	2	CSC 121
Hum 1	Introduction to Humanities	3	0	3	0	3	
PE 4	Major Sports/ Team Sports	2	0	2	0	2	PE 1
		20	3	17	12	14	

Third Year - First Semester

Courseno	Description	Units	Units		Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec	
ES 1	Engineering Drawing	2	1	1	3	1	
CSC 130	System Analysis and Design	3	1	2	3	2	CSC 122
IT 111	Advance Web Page Design and Development	3	1	2	3	2	IT 110
IT 4	Quality Consciousness, Processes & Habits	3	0	3	0	3	
IT 107	Concepts and Applications of RDBMS II	3	1	2	3	2	IT 106
SOCSCI 22	Life and Works of Rizal	3	0	3	0	3	
IT 125	Interactive Multimedia Authoring	3	1	2	3	2	IT 18 and CSC 121
		20	5	15	15	15	

Third Year - Second Semester

Courseno	Description	Units	Units		Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec	
CSC 110	Computer Organization and Architecture, and Assembly Programming	3	1	2	0	3	CSC 122
SOCSCI 5	Gen Economics w/ Taxation and Land Reform	3	0	3	0	3	
IT 3	Ethics for IT Professionals	3	0	3	0	3	
CSC 131	Software Engineering	3	1	2	3	2	CSC 130
IT 198	Research Problem	3	0	0	0	0	Engl 4
ES 2	Computer - Aided Drafting	1	1		3	2	ES 1
ESM 171	Intro to Remote Sensing and GIS	3	2	1	2	3	Math 2.1
		19	5	11	8	16	

Third Year - Summer

Courseno	Description	Units	Lab	Lec	Lab	Lec	Prerequisite
IT 197	OJT - 486 HRS	9					CSC 131
	IT Prof Exam - Requirements before the student can enrol to 4th year						
<i>(Note: An additional 500.00 pesos per student will be collected to defray expenses during the supervision and linkages activities which will be deposited under the college TF-OJT account)</i>							

Fourth Year - First Semester

Courseno	Description	Units	Units		Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec	
IT 115	Network Administration and Installation I	3	1	2	2	3	IT 100
IT 131	Management of Information Systems	3	0	3	0	3	CSC 131
SOCSCI 1	Gen Sociology with Population Education	3	0	3	3	0	
IT 5	Introduction to IT Enterpreunership	3	0	3	0	0	CSC 122
IT 199	Undergraduate Thesis or Project	3	0	0	0	0	COMS 198
Elective 1	Elective I	3	0	0	0	0	CSC 122
Elective 2	Elective II	3					CSC 122
		21	1	11	5	6	

Fourth Year - Second Semester

Courseno	Description	Units	Units		Contact Hrs		Prerequisite
			Lab	Lec	Lab	Lec	
IT 116	Network Administration and Installation II	3	1	2	3	2	IT 115
CSC 150	Object Oriented Programming	3	1	2	3	2	CSC 122
CSC 140	Introduction to Artificial Intelligence	3	1	2	3	2	CSC 122

SOC SCI 6	General Psychology	3	0	3	0	3	
Elective 3	Elective III	3					CSC 122
Elective 4	Elective IV	3					CSC 122
CSC 196	Trips and Seminars	3	0	0	0	0	CSC 122
		21	3	9	9	9	

Total units earned

178

ELECTIVES

IT 125	Interactive Multimedia Authoring	3	1	2	3	2	CSC 122
CSC 155	Introduction to Computer Graphics	3	1	2	3	2	CSC 122
CSC 140	Introduction to Artificial Intelligence	3	1	2	3	2	CSC 122
CSC 156	Advanced Assembly Programming	3	1	2	3	2	CSC 122
IT 6	eWaste Management	3	1	2	3	2	CSC 122
CSC 157	Advance Database System (RDBMS)	3	1	2	3	2	CSC 122
CSC 158	Client/Server Programming	3	1	2	3	2	CSC 122

**Bachelor of Science in Information Technology
SUMMARY OF UNITS**

		CSU	CMO 56, 2006
General Education Courses		24	24
Eng 1	Study and Thinking Skills	3	9
Eng 2	Writing in the Discipline	3	
Engl 3	Speech and Oral Communication	3	
Fil 1	Komunikasyon sa Akademikong Filipino	3	6
Fil 2	Pagbasa at Pagsulat tungo sa Pananaliksik	3	
Philo 2	Introduction to Logic	3	9
Hum 1	Introduction to Humanities	3	
Lit 1	Philippine Literature	3	
Mathematics, Nat.Sci., & Tech.		15	15
Math 1.7	College Algebra	3	
Math 2.1	Plane & Spherical Trigonometry	3	
Math 6.4	Analytic Geometry	3	
Math 4	Advance Algebra	2	
ES 101	Fundamentals of Environmental Sciences	3	
ES 2	Computer Aided Drafting	1	

Social Sciences & Communicatios		15	15
SOCSCI 4	Philippine History with New Constitution	3	
SOCSCI 1	Gen. Sociology w/ Pop Ed.	3	
SOCSCI 2	Life and Works of Rizal	3	
SOCSCI 5	Gen Economics w/ Taxation and Land Reform	3	
SOC SCI 6	General Psychology	3	

PE & NSTP		14	14
PE 1	Physical Fitness	2	
NSTP 1	CMT/LTS	3	
PE 2	Rhythmic Activities	2	
NSTP 2	CMT/LTS	3	
PE 3	Individual & Dual Sports	2	
PE 4	Major Sports/ Team Sports	2	

Core Courses		30	18
IT 1	Computer Concepts and Fundamentals	3	
ACCTG 1	Basic Accounting I	3	
ACCTG 2	Basic Accounting II	3	
IT 3	Ethics for IT Professionals	3	
IT 4	Quality Consciousness, Processes & Habits	3	
CSC 101	Fund. Of Problem Solving and Programming I	3	
CSC 121	Data Structures I	3	
CSC 141	Discrete Mathematics for Scientist & Engineers Computer Organization and Architecture, and Assembly	3	
CSC 110	Programming	3	
CSC 130	System Analysis and Design	3	30

Professional Courses		71	33
ES 1	Engineering Drawing	2	
CSC 122	Data Structures II	3	
CSC 131	Software Engineering	3	
CSC 140	Introduction to Artificial Intelligence	3	
CSC 196	Trips and Seminars	3	
CSC 150	Object Oriented Programming	3	
IT 100	Operating System Utilities and Applications I	3	
IT 101	Operating System Utilities and Applications II	3	
IT 106	Concepts and Applications of RDBMS I	3	
IT 107	Concepts and Applications of RDBMS II	3	
IT 110	Web Page Design ang Development	3	
IT 111	Advance Web Page Design and Development	3	
IT 115	Network Administration and Installation I	3	
IT 116	Network Administration and Installation II	3	
IT 125	Interactive Multimedia Authoring	3	
IT 129	Introduction to Remote Sensing	3	
IT 130	Introduction to GIS	3	
IT 18	Graphics Applications	3	
IT 197	OJT - 486 HRS	9	
IT 198	Research Problem	3	
IT 199	Undergraduate Thesis or Project	3	
IT 5	Introduction to IT Enterpreneurship	3	71

Electives		12	12
Elective 1	Elective I	3	
Elective 2	Elective II	3	

Elective 3	Elective III	3	
Elective 3	Elective III	3	12
Elective Courses			
IT 125	Interactive Multimedia Authoring	3	
IT 131	Management of Information Systems	3	
CSC 155	Introduction to Computer Graphics	3	
CSC 140	Introduction to Artificial Intelligence	3	
CSC 156	Advanced Assembly Programming	3	
IT 6	eWaste Management	3	
CSC 157	Advance Database System (RDBMS)	3	
CSC 158	Client/Server Programming	3	
Free Electives		0	9
TOTAL		181	140
TOTAL		181	140