



# University of Southern Philippines Foundation

Salinas Drive, Lahug, Cebu City



## COLLEGE OF COMPUTER STUDIES

### \* Associate in Computer Technology (ACT)

Effective A.Y. 2015-2016

#### First Year

##### First Semester

COURSE TITLE	COURSE DESCRIPTION	Lec. Hrs.	Lab Hrs.	UNITS	PREREQUISITE
CCS 121	Intro. to Computer Science I	2	3	3	
CCS 123	Intro. to Information Technology I	2	3	3	
Engl+	Remedial English and Grammar Compositions	3		3	
Math 3	College Algebra	3		3	
Engl 1	Study and Thinking Skills In English	3		3	
Fili 1A	Kommunikasyon sa Akademikong Filipino	3		3	
PE 1	Self Testing Activities	2		2	
NSTP 1	National Service Training Program I			1.5	
SocOr 11	Social Orientation I			1.5	

**Total No. of Units: 15/8 units**

##### Second Semester

COURSE TITLE	COURSE DESCRIPTION	Lec. Hrs.	Lab Hrs.	UNITS	PREREQUISITE
CCS 122	Intro. to Computer Science II	2	3	3	CCS 121
CCS 124	Intro. to Information Technology II	2	3	3	CCS 123
Engl 2	Writing in Discipline	3		3	Engl 1
Fili 2A	Pagbasa at Pagsulat Tungo sa Pananaliksik	3		3	Fili 1A
Philo 2	Logic (Stress on Citical Thinking Skills)	3		3	
Math 4	Plane Trigonometry	3		3	Math 3
RC	Rizal : His Life and Works	3		3	
PE 2	Fundamentals on Ryhtmic Activities	2		2	PE 1
NSTP 2	National Service Training Program 2			1.5	NSTP 1
SocOr 12	Social Orientation II			1.5	SocOr II

**Total No. of Units: 21/5 units**

#### Second Year

##### First Semester

COURSE TITLE	COURSE DESCRIPTION	Lec. Hrs.	Lab Hrs.	UNITS	PREREQUISITE
CCS 211	Quality Consciousness, Habits and Processes	3		3	CCS 121, CCS 122
CCS 213	System Analysis and Design	3		3	CCS 121, CCS 122
CCS 225	Data Structures and Algorithms	2	3	3	CCS 122
CCS 227	Presentation Graphics Skills	2	3	3	CCS 124
Phys 211	College Physics I (LEC)	3		3	Math 4

Phys 212	<b>College Physics I (LAB)</b>		3	1		<b>Math 4</b>
Psych 1	<b>General Psychology</b>	3		3		
Lit 1	<b>The Literature of the Philippines</b>	3		3		
Hist 1	<b>Philippine History: It' Roots and Development</b>	3		3		
PE 3	<b>Fundamentals of Games and Sports</b>	2			2	<b>PE 2</b>

**Total No. of Units: 25/2 units**

**Second Semester**

<b>COURSE TITLE</b>	<b>COURSE DESCRIPTION</b>	<b>Lec. Hrs.</b>	<b>Lab Hrs.</b>	<b>UNITS</b>		<b>PREREQUISITE</b>
CCS 212	<b>Computer Ethics and Professional Responsibilities</b>	3		3		<b>CCS 121, CCS 122</b>
CCS 214	<b>Discrete Structure</b>	3		3		<b>Math 3</b>
CCS 226	<b>Object Oriented Programming I</b>	2	3	3		<b>CCS 225</b>
CCS 228	<b>Operating Systems</b>	2	3	3		<b>CCS 121, CCS 122</b>
ICT 222	<b>Digital Design</b>	2	3	3		<b>CCS 124</b>
ICT 220	<b>OJT/Practicum</b>	1	6	3		<b>2<sup>nd</sup> year 2<sup>nd</sup> sem</b>
Phys 221	<b>College Physics 2 (LEC)</b>	3		3		<b>Physics 211</b>
Phys 222	<b>College Physics 2 (LAB)</b>		3	1		<b>Physics 212</b>
PE 4	<b>Recreational Activities</b>	2			2	<b>PE 3</b>

**Total No. of Units: 22/2 units**

**\*At the end of the second year, a student earns a Certificate on Associate in Computer Technology (ACT)\***