



Republic of the Philippines
SOUTHERN LEYTE STATE UNIVERSITY-TOMAS OPPUS
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BACHELOR OF SCIENCE IN INFO TECH

Major: PROGRAMMING

Revised Based on CMO 25, s. 2015

STUDENT ID/NAME : _____

EVALUATED BY : _____

DATE : _____

Y 2019

Implementation
1st Sem 2020-2021

FIRST SEMESTER					GRADE	SECOND SEMESTER					GRADE
Course No	Descriptive Title	Unit		Pre-requisites		Course No	Descriptive Title	Unit		Pre-requisites	
		Lec	Lab					Lec	Lab		
FIRST YEAR											
GE-Eng 101-S	Purposive Communication	3		None	GE-Sci 201-1S	Science, Technology & Society (with DRRM and Climate Change)	3		None		
GE-Mat 101-S	Mathematics in the Modern World	3		None	GE-SS 201-1S	Readings in Philippine History	3		None		
GE-SS 101	Understanding the Self (with GAD)	3		None	IT 102	Human Computer Interaction	2		IT 101		
IT 101	Introduction to Computing	2		None	IT 102L	Human Computer Interaction		1	IT 101L		
IT 101L	Introduction to Computing		1	None	IT 104	Computer Programming II	2		IT 103		
IT 103	Computer Programming I	2		None	IT 104L	Computer Programming II		1	IT 103L		
IT 103L	Computer Programming I		1	None	IT 106	Discrete Mathematics	3		None		
PE 101	Self-Testing Activities	2		None	PE 102	Rhythmic Activities	2		PE101		
NSTP-CW 101	National Service Training I	3		None	NSTP-CW 102	National Service Training II	3		NSTP-CW 102		
TOTAL		20			TOTAL		20				
SECOND YEAR											
GE-MC 200-F	Life & Works of Rizal	3		None	CCNA 202	Network Basics (Network Management)	2		None		
IT 201	Data Structures and Algorithms	2		IT 104, IT 104L	CCNA 202L	Network Basics (Network Management)		1	None		
IT 201L	Data Structures and Algorithms		1	IT 104, IT 104L	GE-Elec 204	Reading Visual Arts	3		None		
IT 203	Platform Technologies	2		IT 102, IT 102L	GE-SS 302-1F2	The Contemporary World (with ASEAN Integration)	3		None		
IT 203L	Platform Technologies		1	IT 102, IT 102L	IT 204	Information Management I	2		IT 203, IT 203L		
IT 205	Object Oriented Programming	2		IT 104, IT 104L	IT 204L	Information Management I		1	IT 203, IT 203L		
IT 205L	Object Oriented Programming		1	IT 104, IT 104L	IT 206	Quantitative Methods	3		IT 106		
IT 207	Fundamentals of Database Systems	2		IT 104, IT 104L	IT 208	Integrative Programming and Technologies	2		IT 205, IT 205L		
IT 207L	Fundamentals of Database Systems		1	IT 104, IT 104L	IT 208L	Integrative Programming and Technologies		1	IT 205, IT 205L		
PE 201	Games and Team Sports	2		PE 102	IT 214	Database Administration	3		IT 207, IT 207L		
TOTAL		17			PE 202	Recreational & Individual Sports	2		PE 201		
TOTAL					TOTAL		23				
THIRD YEAR											
CCNA 301	Routers and Routing Basic	2		CCNA 202	IT 304	Information Assurance and Security I	2		IT 303, IT 303L		
CCNA 301L	Routers and Routing Basic		1	CCNA 202L	IT 304L	Information Assurance and Security I		1	IT 303, IT 303L		
IT 301	Advanced Database Systems	2		IT 207, IT 207L	IT 308	Application Development and Emerging Technologies	2		IT 306L, IT 306L, IT 306L, IT 306L		
IT 301L	Advanced Database Systems		1	IT 207, IT 207L	IT 308L	Application Development and Emerging Technologies		1	IT 306L, IT 306L, IT 306L, IT 306L		
IT 303	System Integration and Architecture I	2		IT 204, IT 204L	IT 312	System Integration and Architecture II	2		IT 303, IT 303L		
IT 303L	System Integration and Architecture I		1	IT 204, IT 204L	IT 312L	System Integration and Architecture II		1	IT 303, IT 303L		
IT 307	Event Driven Programming	2		IT 303, IT 303L, IT 303L, IT 303L	IT 314	Functional Programming	2		IT 307, IT 307L		
IT 307L	Event Driven Programming		1	IT 303, IT 303L, IT 303L, IT 303L	IT 314L	Functional Programming		1	IT 307, IT 307L		
IT 309	System Analysis and Design	3		IT 204, IT 204L	IT 316	Embedded Systems Programming	2		IT 307, IT 307L		
GE-SS 102-3F	Arts Appreciation	3		None	IT 316L	Embedded Systems Programming		1	IT 307, IT 307L		
SP 301	Social and Professional Issues: Globalization	3		None	IT 318	Web Development	2		IT 301, IT 301L		
TOTAL		21			IT 318L	Web Development		1	IT 301, IT 301L		
TOTAL					Research 302	Fundamentals of Research and Research Design	3		IT 306L, IT 306L, IT 306L, IT 306L		
TOTAL					Capstone 302	Capstone Project I	3		IT 309		
TOTAL					TOTAL		24				
THIRD YEAR SUMMER											
IT 310	Information Assurance and Security II	2		IT 304, IT 304L							
IT 310L	Information Assurance and Security II		1	IT 304, IT 304L							
GE-Elec 310	Living in the IT Era	3		None							
TOTAL		6									
FOURTH YEAR											
Capstone 401	Capstone Project 2	3		Capstone 302							
IT 401L	Systems Administration and Maintenance	2		IT 310, IT 310L							
IT 401L	Systems Administration and Maintenance		1	IT 310, IT 310L							
IT 405	Logic Programming	2		IT 304, IT 304L, IT 304L, IT 304L							
IT 405L	Logic Programming		1	IT 304, IT 304L, IT 304L, IT 304L							
IT 407	Geographical Information System	2		IT 308, IT 308L	IT 402	Practicum / OJT (600hrs)	9/18		Earned at least 113 units		
IT 407L	Geographical Information System		1	IT 308, IT 308L							
GE-SS 401	Ethics	3		None							
GE-Elec 403	The Entrepreneurial Mind	3		None							
TOTAL		18			TOTAL		9/18				
SUMMARY OF COURSES				UNIT	TOTAL UNITS	Note:					
National Service Training Program				6	158 / 167	IT 402 will be 9 for Local Internship and 18 units for International Internship.					
General Education Courses and Physical Education				44							
Professional IT Courses				90 / 99							
Specialization Courses				18							