



Republic of the Philippines  
ZAMBOANGA PENINSULA POLYTECHNIC STATE UNIVERSITY  
Region IX, Zamboanga Peninsula  
R.T. Lim Blvd., Zamboanga City  
Tel. No. (062) 993-0023  
**COLLEGE OF INFORMATION AND COMPUTING SCIENCE**



**Vision:** ZPPSU as the leading provider of globally competitive human resources.

**Mission:** Provide effective and efficient services through advanced technological studies and researches for the empowerment of the nation's human resources.

**Core Values:**  
Love of God and Country  
Social Responsibilities  
Commitment/Dedication to the service  
Accountability

**Ladderized Program**  
**BACHELOR OF SCIENCE OF INFORMATION TECHNOLOGY CURRICULUM**

Board Resolution No. 50 S. 2011

Reference CMOs: CMO 25 s. 2015, CMO 20 s. 2013, CMO 4 s. 2018, and CMO 39 s. 2021

Revised No. 6 Series 2021

Effectivity: S.Y. 2022-2023

**First Year**

First Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITCC 101	Introduction to Computing	2	3	3	None
	ITCC 102	Computer Programming 1	2	3	3	None
	CSS 1	Computer Systems Servicing 1	2	3	3	(non-ICT-Track)
	GE 111	Understanding the Self	3	0	3	None
	GE 112	Readings in Philippine History	3	0	3	None
	GE 113	The Contemporary World	3	0	3	None
	GE 114	Mathematics in the Modern World	3	0	3	None
	PE 1	Physical Activities Toward Health and Fitness 1	2	0	2	None
	NSTP 111	ROTC/CWTS/LTS	3	0	3	None
	8/9	<b>TOTAL</b>	<b>21/23</b>	<b>6/9</b>	<b>23/26</b>	For ICT Track/ For non-ICT Track

Second Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITCC 103	Computer Programming 2	2	3	3	ITCC 102
	ITCC 104	Data Structures and Algorithms	2	3	3	ITCC 103
	ITPC 101	Discrete Mathematics	3	0	3	None
	CSS 2	Computer Systems Servicing 2	2	3	3	CSS 1
	GE 115	Purposive Communication	3	0	3	None
	GE 116	Art Appreciation	3	0	3	None
	GE Elective 1	ENVIRONMENTAL SCIENCE	3	0	3	None
	PE 2	Physical Activities Toward Health and Fitness 2	2	0	2	PE 1
	NSTP 112	ROTC/CWTS/LTS	3	0	3	None
	8/9	<b>TOTAL</b>	<b>21/23</b>	<b>6/9</b>	<b>23/26</b>	For ICT Track/ For non-ICT Track

Summer						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	IT Prac 1	Practicum/OJT 1		243	3	None
	1	<b>TOTAL</b>			<b>3</b>	

**Year 1: Exit Point/Resultant Qualification**

- Computer Systems Servicing NC II



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**Second Year**

First Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITPC 102	Introduction to Human-Computer Interaction	2	3	3	ITCC 102
	ITPC 103	Fundamentals of Database Systems	2	3	3	ITCC 103
	ITPE 101	Object-Oriented Programming	2	3	3	ITCC 103
	ITPE 102	Platform Technologies	2	3	3	ITPC 101
	GE 117	Science Technology and Society	3	0	3	None
	GE 118	Ethics	3	0	3	None
	GE Elective 2	The Entrepreneurial Mind	3	0	3	None
	PE 3	Physical Activities Toward Health and Fitness 3	2	0	2	PE 2
		<b>TOTAL</b>	<b>19</b>	<b>12</b>	<b>23</b>	

Second Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITCC 105	Information Management	2	3	3	ITCC 104
	ITPC 104	Quantitative Methods (incl. Modeling & Simulation)	3	0	3	ITPC 102
	ITPC 105	Networking 1	2	3	3	ITPE 102
	ITPC 106	Integrative programming & Technologies 1	2	3	3	ITPE 101
	ITPE 103	Web Systems & Technologies	2	3	3	None
	ITDC 1	Internet of Things (IoT)	2	3	3	None
	GE Elective 3	Gender and Society	3	0	3	None
	PE 4	Physical Activities Toward Health and Fitness 4	2	0	2	PE 3
		<b>TOTAL</b>	<b>20</b>	<b>15</b>	<b>23</b>	

Summer						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	IT Prac 2	Practicum/OJT 2		243	3	IT Prac 1
	1	<b>TOTAL</b>			<b>3</b>	

**Year 2: Exit Point/Resultant Qualification**

- JAVA Programming NC III

**With Certificate in Associate in Computer Technology major in Information Technology**



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Third Year

First Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITCC 106	Application Development & Emerging Technologies	2	3	3	ITCC 105
	ITPC 107	Networking 2	2	3	3	ITPC 105
	ITPC 108	Information Assurance and Security 1	2	3	3	ITPC 107
	ISPC 101	System Analysis and Design	2	3	3	ITPC 102
	CSPC 101	Software Engineering 1	2	3	3	ITPC 106
	ITIC 101	Green Computing	3	0	3	None
	ITIC 102	Research	3	0	3	
	ITDC 2	Cloud Computing	2	3	3	None
		<b>TOTAL</b>	<b>18</b>	<b>18</b>	<b>24</b>	

Second Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITPC 109	System Integration & Architecture 1	2	3	3	ITPE 101
	ITPC 110	Information Assurance and Security 2	2	3	3	ITPC 109
	ITPC 112	Capstone Project and Research 1	2	3	3	ITPC 109 & ITCC 105
	ITPE 104	Integrative Programming & Technologies 2	2	3	3	ITPC 106
	ITDC 3	Networking 3	2	3	3	ITPC 108
	ITDC 4	IT Security and Management 2	3	0	3	IT Elect 2
	RIZAL	Life, Works & Writing of Rizal	3	0	3	None
		<b>TOTAL</b>	<b>16</b>	<b>15</b>	<b>21</b>	

Year 3: Exit Point/Resultant Qualification

- ORACLE Programming NC III

With Certificate in Diploma of Technology major in Information Technology

Fourth Year

First Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITPC 113	System Administration and Maintenance	2	3	3	ITPC 110
	ITPC 111	Social and Professional Issues	3	0	3	None
	ITPC 114	Capstone project and Research 2	2	3	3	ITPC 112
	ITDC 5	Networking 4	2	3	3	IT Elect 3
	ITDC 6	Cybersecurity	3	0	3	None
	ISIC 103	Educational Robotics	3	0	3	None
	ISIC 104	Seminar and Educational Tours	3	0	3	4 <sup>th</sup> Year Standing
		<b>TOTAL</b>	<b>17</b>	<b>12</b>	<b>21</b>	

Second Semester						
	COURSE NO	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE
			LEC	LB/SW		
	ITPC 115	Practicum		486	6	ITPC 114
		<b>TOTAL</b>		<b>486</b>	<b>6</b>	