



**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
QUEZON CITY**

BP18 CURRICULUM FOR BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT)

IMPORTANT: Registration in any course/s without all the pre-requisite/s, correct sequence and authorized load shall not be given any credit regardless of the grade/s obtained.

NAME: BORRAS, JEFERSON ANDAYA

STUDENT NO: 1914802

	COURSE CODE		DESCRIPTIVE TITLE	Credit Units	PRE-REQUISITE(S)/ CO-REQUISITES	EXCEPTION
FIRST YEAR, 1ST SEMESTER (20)						
2.75	GEC	002	Readings in Philippine History	3	STEM 001(C)	
2.75	GEC	004	Mathematics in the Modern World	3	STEM 001(C)	
2.00	ITE	011	Introduction to Computing	3	STEM 001(C)	
2.50	ITE	001	Computer Programming 1	3	STEM 001(C)	
2.75	MATH	013A	Linear Algebra	3	STEM 001(C)	
1.75	PE	001	Physical Activities Toward Health and Fitness 1 (PATHfit 1) (PE 001)	2	STEM 001(C)	
1.00	NSTP	001	National Service Training Program 1	(3)	STEM 001(C)	
2.75	STEM	001	Science, Technology, Engineering and Mathematics Bridging Program	3		
FIRST YEAR, 2ND SEMESTER (20)						
2.25	GEC	001	Understanding the Self	3		
2.50	GEC	005	Purposive Communication	3		
2.25	GEC	006	Art Appreciation	3		
2.75	MATH	006	Discrete Mathematics	3		
2.50	ITE	012	Computer Programming 2	3	ITE 001(P)	
2.50	ITE	010	Introduction to Human Computer Interaction	3	ITE 001(P)	
2.50	PE	002	Physical Activities Toward Health and Fitness 2 (PATHfit 2) (PE 002)	2	PE 001(P)	
1.75	NSTP	002	National Service Training Program 2	(3)	NSTP 001(P)	
SECOND YEAR, 1ST SEMESTER (20)						
1.75	CS	201	Data Structures and Algorithms	3	ITE 012(P)	
2.25	IE	301B	Applied Statistics	3	MATH 013A(P)	
1.25	IT	004	Web Systems and Technologies	3		
1.75	BIO	001	Modern Biology	3		
2.25	GEC	007	Science, Technology, and Society	3		
1.50	FELEC	001	Prof. Elective 1 (ITE 503)	3		
2.00	PE	003	Physical Activities Toward Health and Fitness 3 (PATHfit 3) (PE 003)	2	PE 001(P) PE 002(P)	
SECOND YEAR, 2ND SEMESTER (23)						
1.50	SOCSC	005	Life and Works of Rizal	3		
1.25	GEC	003	The Contemporary World	3		
1.25	ITE	014	Information Management	3	ITE 012(P)	
1.25	IT	012	Platform Technologies	3	ITE 012(P)	
2.75	GEC	008	Ethics	3		
2.25	CHEM	001D	Chemistry	3		
2.25	FELEC	002	Prof. Elective 2 (ITE 404)	3	FELEC 001(P)	
1.25	PE	004	Physical Activities Toward Health and Fitness 4 (PATHfit 4) (PE 004)	2	PE 001(P) PE 002(P)	
THIRD YEAR, 1ST SEMESTER (24)						
2.00	GEE	001	General Education Elective 1	3		
2.00	IT	005	Integrative Programming and Technologies	3	IT 004(P)	
1.00	IT	006	Networking 1	3	IT 004(P)	
1.50	IT	003	Advanced Database Systems	3	ITE 014(P)	
2.00	TECH	101	Technopreneurship	3		
1.00	IT	009	Systems Integration and Architecture 1	3	IT 004(P)	
1.00	ITELEC	001	IT Elective 1 (IT 021)	3		
1.50	MATH	304	Quantitative Methods (Including Modeling and Simulation)	3	IE 301B(P) MATH 006(P)	
THIRD YEAR, 2ND SEMESTER (24)						
1.00	GEE	002	General Education Elective 2	3		
1.50	IT	401	Data Mining and Warehousing	3	IE 301B(P) ITE 014(P)	
1.50	CS	409	Mobile Computing	3	ITE 010(P)	
1.00	IT	001	Information Assurance and Security 1	3	IT 009(P)	
1.25	ITE	013	Application Development and Emerging Technologies	3	IT 003(P)	

	COURSE CODE		DESCRIPTIVE TITLE	Credit Units	PRE-REQUISITE(S)/ CO-REQUISITES	EXCEPTION
1.00	IT	007	Networking 2	3	IT 006(P)	
1.50	FELEC	003	Prof. Elective 3 (IT 015)	3	FELEC 002(P)	
1.00	ITELEC	002	IT Elective 2 (IT 022)	3	ITELEC 001(P)	
THIRD YEAR, SUMMER (9)						
1.50	IT	304	Capstone Project 1	3	IT 001(P) ITE 013(P)	
2.25	IT	030	Data Analytics	3	IT 401(P)	
1.00	ITELEC	003	IT Elective 3 (IT 023)	3	ITELEC 002(P)	
NO STUDENT SHALL BE ALLOWED TO TAKE FOURTH YEAR PROFESSIONAL COURSES UNLESS HE HAS COMPLETED THE BASIC AND THE THIRD YEAR COURSES INCLUDING PE AND NSTP						
FOURTH YEAR, 1ST SEMESTER (21)						
1.50	GEE	003	General Education Elective 3	3		
1.00	IT	002	Information Assurance and Security 2	3	IT 001(P)	
1.25	IT	010	Systems Integration and Architecture 2	3	IT 009(P)	
1.50	ITE	015	Social and Professional Issues	3	4th Year Standing	
1.25	IT	008	Systems Administration and Maintenance (IT 008)	3	IT 001(P)	
1.50	ITELEC	004	IT Elective 4 (IT 024)	3	ITELEC 003(P)	
1.50	FELEC	004	Prof. Elective 4 (SAD 003)	3	FELEC 003(P)	
FOURTH YEAR, 2ND SEMESTER (9)						
1.00	IT	402	Internship in Computing	6	4th Year Standing	
1.50	IT	400	Capstone Project 2	3	IT 304(P)	
ELECTIVE COURSES (78)						
	ITE	503	Current Trends and Issues in Computing	3		
	SAP	501	Business Analytics Using SAP Business Warehousing	3	IT 030(P)	
	IT	016	Event Driven Programming	3	CS 201(P)	
	CS	002	Object Oriented Programming	3	ITE 012(P)	
	ELF	423	Spanish	3		
	ELF	413	Mandarin	3		
	IT	015	Introduction to Game Development	3	ITE 010(P)	
	SAD	003	Systems Analysis and Design	3		
	IT	014	Human Computer Interaction 2	3	ITE 010(P)	
	IT	011	Integrative Programming Technologies 2	3	IT 005(P)	
	IT	013	Web Systems and Technologies 2	3	IT 004(P)	
	ITE	404	Introduction to Data Science in Python	3	IE 301B(P)	
	ITE	405	Applied Plotting, Charting, and Data Representation	3	ITE 404(P)	
	ITE	406	Applied Text Mining and Applied Social Network Analysis	3	ITE 405(P)	
	IT	017	3D Modelling, Texturing, Rendering and Lighting	3	3rd Year Standing	
	IT	018	3D Animation and Special Effects	3	IT 017(P)	
	IT	021	Usable Security	3	3rd Year Standing	
	IT	022	Threat Detection Analysis	3	IT 021(P)	
	IT	023	Ethical Hacking and Penetration Testing	3	IT 022(P)	
	IT	024	Cyber Threat Modeling	3	IT 023(P)	
	IT	025	Digital Photography	3	3rd Year Standing	
	IT	026	Digital Effects	3	IT 025(P)	
	IT	027	Digital Visual Narrative	3	IT 026(P)	
	IT	028	Visual Communication	3	IT 027(P)	
	IT	019	3D Production and Compositing	3	IT 018(P)	
	IT	020	Mobile Development Integration	3	IT 019(P)	

CREDENTIALS PRESENTED:

() F137A () NSO Birth Certificate
() F138 () HD
() GMC () TOR

DEFICIENCY/IES:

Evaluated By: _____

Date: _____

Received By: _____

Date: _____

LEGEND

P = Pre-requisite
C = Co-requisite

NOTE: EVALUATION IS TENTATIVE AND MAY BE REVISED FOR SOME VALID CAUSES OR REASONS OR IF OMISSIONS AND/OR LACK OF UNITS CREDITED BE DISCOVERED LATER.