Republic of the Philippines
BATANGAS STATE UNIVERSITY
ARASOF-NASUGBU
Nasugbu, Batangas

COLLEGE OF INFORMATICS AND COMPUTING SCIENCES
Bachelor of Science in Information Technology
<u>**BUSINESS ANALYTICS TRACK**</u>
Academic Year 2018-2019
Reference: **CMO No. 25 series of 2015**

Name: <u>Iver Mulingbayan</u>
Student Number: <u>18-00025</u>

Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		

FIRST YEAR
First Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
2.00	IT 111	Introduction to Computing	3	2	3	-	CS 111,CS 131,IT 212,IT 221
1.50	GEd 102	Mathematics in the Modern World	3	3	-	-	MATH 111
1.50	GEd 108	Art Appreciation	3	3	-	-	-
2.25	Fili 101	Kontekstwalisadong Komunikasyon sa Filipino	3	3	-	-	-
2.00	PE 101	Physical Fitness, Gymnastics and Aerobics	2	2	-	-	PE 102,PE 103,PE 104
1.75	NSTP 111	National Service Training Program 1	3	3	-	-	NSTP 121
1.75	GEd 103	The Life and Works of Rizal	3	3	-	-	-
2.00	GEd 104	The Contemporary World	3	3	-	-	-
		TOTAL	**23**	**22**	**3**		

FIRST YEAR
Second Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
1.50	CS 111	Computer Programming	3	2	3	IT 111	CS 121,IT 211,CS 211
1.50	CS 131	Data Structures and Algorithms	3	2	3	IT 111	CS 211,IT 312
2.75	MATH 111	Linear Algebra	3	3	-	GEd 102	CpE 405,Phy 101,MATH 408
2.25	Fili 102	Filipino sa Iba't-ibang Disiplina	3	3	-	-	-
1.75	GEd 105	Readings in Philippine History	3	3	-	-	-
2.50	GEd 109	Science, Technology and Society	3	3	-	-	-
1.75	PE 102	Rhythmic Activities	2	2	-	PE 101	-
2.50	NSTP 121	National Service Training Program 2	3	3	-	NSTP 111	-
		TOTAL	**23**	**21**	**6**		

SECOND YEAR
First Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
1.75	CS 121	Advanced Computer Programming	3	2	3	CS 111	-
2.75	IT 211	Database Management System	3	2	3	CS 111	IT 222,IT 314
1.25	CS 211	Object-Oriented Programming	3	2	3	CS 111, CS 131	-
1.75	Litr 102	ASEAN Literature	3	3	-	-	-
1.75	CpE 405	Discrete Mathematics	3	3	-	MATH 111	-
1.50	Phy 101	Calculus-Based Physics	3	2	3	MATH 111	ES 101
1.25	IT 212	Computer Networking 1	3	2	3	IT 111	IT 223
1.25	PE 103	Individual and Dual Sports	2	2	-	PE 101	-
		TOTAL	**23**	**18**	**15**		

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Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		

SECOND YEAR
Second Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
1.00	IT 221	Information Management	3	2	3	IT 111	IT 311,BAT 401,BAT 402
INC, 2.00	IT 223	Computer Networking 2	3	2	3	IT 212	IT 323
1.50	IT 222	Advanced Database Management System	3	2	3	IT 211	IT 311,IT 313,BAT 401,BAT 402
1.50	MATH 408	Data Analysis	3	3	-	MATH 111	-
1.50	ES 101	Environmental Sciences	3	2	3	Phy 101	-
1.25	GEd 106	Purposive Communication	3	3	-	-	-
1.00	GEd 101	Understanding the Self	3	3	-	-	-
1.50	PE 104	Team Sports	2	2	-	PE 101	-
		TOTAL	**23**	**19**	**12**		

THIRD YEAR
First Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
5.00	IT 311	Systems Administration and Maintenance	3	2	3	IT 221, IT 222	-
1.75	IT 312	Systems Integration and Architecture	3	2	3	CS 131	IT 322
1.50	BAT 401	Fundamentals of Business Analytics	3	2	3	IT 221, IT 222	BAT 403
2.00	BAT 402	Fundamentals of Analytics Modeling	3	2	3	IT 221, IT 222	BAT 404
2.00	IT 313	System Analysis and Design	3	2	3	IT 222	IT 325
1.75	IT 314	Web Systems and Technologies	3	2	3	IT 211	IT 321,IT 332
1.75	GEd 107	Ethics	3	3	-	-	-
		TOTAL	**21**	**15**	**18**		

THIRD YEAR
Second Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
	IT 321	Human-Computer Interaction	3	3	-	IT 314	IT 331
	BAT 403	Fundamentals of Enterprise Data Management	3	2	3	BAT 401	-
	BAT 404	Analytics Techniques & Tools	3	2	3	BAT 402	BAT 405
	IT 322	Advanced Systems Integration and Architecture	3	2	3	IT 312	-
	IT 323	Information Assurance and Security	3	2	3	IT 223	IT 413
	IT 324	Capstone Project 1	3	3	-	Regular 3rd Year	IT 411
	IT 325	IT Project Management	3	3	-	IT 313	IT 414
		TOTAL	**21**	**17**	**12**		

MIDTERM

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
	IT 331	Application Development and Emerging Technologies	3	2	3	IT 321	-
	IT 332	Integrative Programming and Technologies	3	3	-	IT 314	IT 412
		TOTAL	**6**	**5**	**3**		

FOURTH YEAR
First Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
	CS 423	Social Issues and Professional Practice	3	3	-	-	-
	IT 411	Capstone Project 2	3	3	-	IT 324	-
	ENGG 405	Technopreneurship	3	3	-	-	-
	BAT 405	Analytics Application	3	2	3	BAT 404	-
	IT 413	Advanced Information Assurance and Security	3	2	3	IT 323	-
	IT 414	Systems Quality Assurance	3	2	3	IT 325	-
	IT 412	Platform Technologies	3	3	-	IT 332	-
		TOTAL	**21**	**18**	**9**		

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Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		
		FOURTH YEAR **Second Semester**					
	IT 421	IT Internship Training	6	-	500	Regular 4th Year	-
		TOTAL	**6**	**-**	**500**		

Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		
	IT 421	IT Internship Training	6	-	500	Regular 4th Year	-
		TOTAL	**6**	**-**	**500**		