COLLEGE OF INFORMATICS AND COMPUTING SCIENCES
Bachelor of Science in Computer Science
Academic Year 2018-2019
Reference: **CMO No. 25, s. 2015, CMO 4 s. 2018, CMO No 20, s. 2013,**
PICAB Criteria for Accrediting ITE Programs and ABET CAC Criteria
for Accrediting Computing Programs

Name: Menalyn Mendoza
Student Number: 18-00032

Final Grade	Course Code	Course Title	Unit/s	Hours Lec	Hours Lab	Pre-Requisite/s	Co-Requisite/s
		FIRST YEAR					
		First Semester					
1.50	IT 111	Introduction to Computing	3	2	3	-	IT 212,IT 221,CS 212,IT 211,CS 423
1.50	CS 111	Computer Programming	3	2	3	-	CS 121,CS 212
2.25	Fili 101	Kontekstwalisadong Komunikasyon sa Filipino	3	3	-	-	-
1.50	GEd 101	Understanding the Self	3	3	-	-	-
2.25	GEd 102	Mathematics in the Modern World	3	3	-	-	Math 407
1.50	Math 111	Linear Algebra	3	3	-	-	Math 401
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
		TOTAL	**23**	**21**	**6**		
		FIRST YEAR					
		Second Semester					
1.50	CS 121	Advanced Computer Programming	3	2	3	CS 111	CS 131
1.75	Fili 102	Filipino sa Iba't-ibang Disiplina	3	3	-	-	-
1.00	GEd 105	Readings in Philippine History	3	3	-	-	-
1.50	GEd 108	Art Appreciation	3	3	-	-	-
1.50	Math 401	Differential Calculus	3	3	-	Math 111	Math 402,CpE 405,Math 408
INC, 2.25	Math 407	Number Theory	3	3	-	GEd 102	Math 409
2.00	PE 102	Rhythmic Activities	2	2	-	PE 101	-
1.50	NSTP 121	National Service Training Program 2	3	3	-	NSTP 111	-
		TOTAL	**23**	**22**	**3**		
		FIRST YEAR					
		Summer					
1.50	CS 131	Data Structures and Algorithms	3	2	3	CS 121	CS 211,CS 221
1.50	Math 402	Integral Calculus	3	3	-	Math 401	Phy 101,ENGG 414
1.75	Litr 102	ASEAN Literature	3	3	-	-	-
		TOTAL	**9**	**8**	**3**		

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Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		
		SECOND YEAR					
		First Semester					
1.75	CS 211	Object-Oriented Programming	3	2	3	CS 131	CS 222,CS 312,IT 314
2.75	CS 212	Computer Organization w/ Assembly Language	3	2	3	IT 111, CS 111	CS 323
1.50	IT 211	Database Management Systems	3	2	3	IT 111	-
1.50	IT 212	Computer Networking 1	3	2	3	IT 111	IT 323
1.75	Phy 101	Calculus-Based Physics	3	2	3	Math 402	ES 101
1.75	CpE 405	Discrete Mathematics	3	3	-	Math 401	-
1.75	GEd 109	Science, Technology and Society	3	3	-	-	-
2.75	PE 103	Individual and Dual Sports	2	2	-	PE 101	-
		TOTAL	**23**	**18**	**15**		
		SECOND YEAR					
		Second Semester					
2.00	CS 221	Design and Analysis of Algorithms	3	2	3	CS 131	CS 311,CS 324
1.75	CS 222	Advanced Object-Oriented Programming	3	2	3	CS 211	IT 321
1.75	IT 221	Information Management	3	2	3	IT 111	IT 331
2.25	GEd 106	Purposive Communication	3	3	-	-	-
2.00	GEd 107	Ethics	3	3	-	-	-
1.50	ES 101	Environmental Sciences	3	2	3	Phy 101	-
2.25	ENGG 414	Numerical Methods	3	3	-	Math 402	-
1.25	PE 104	Team Sports	2	2	-	PE 101	-
		TOTAL	**23**	**19**	**12**		
		THIRD YEAR					
		First Semester					
1.50	CS 311	Automata Theory and Formal Languages	3	3	-	CS 221	CS 321
2.25	CS 312	Mobile Computing	3	2	3	CS 211	-
1.50	IT 321	Human Computer Interaction	3	3	-	CS 222	CS 322
1.50	IT 314	Web Systems and Technologies	3	2	3	CS 211	-
2.50	IT 331	Application Development and Emerging Technologies	3	2	3	IT 221	-
2.00	Math 408	Data Analysis	3	3	-	Math 401	CS 324
1.75	GEd 104	The Contemporary World	3	3	-	-	-
		TOTAL	**21**	**18**	**9**		
		THIRD YEAR					
		Second Semester					
	CS 321	Programming Languages	3	3	-	CS 311	-
	CS 322	Software Engineering	3	2	3	IT 321	CS 413
	CS 323	Computer Architecture	3	3	-	CS 212	CS 415
	CS 324	Modeling and Simulation	3	2	3	CS 221, Math 408	CS 412,CS 414
	CSE 1	CS Professional Elective 1	3	2	3	-	-
	GEd 103	The Life and Works of Rizal	3	3	-	-	-
	Math 409	Symbolic Logic	3	3	-	Math 407	-
		TOTAL	**21**	**18**	**9**		
		MIDTERM					
	CS 331	CS Internship	3	-	162	Regular 3rd Year	-
		TOTAL	**3**	**-**	**162**		

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

FOURTH YEAR
First Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
	CS 411	CS Thesis 1	3	3	-	Regular 4th Year	CS 421,ENGG 405
	CS 412	Fundamentals of Data Science	3	2	3	CS 324	-
	CS 413	Advanced Software Engineering	3	2	3	CS 322	-
	CS 414	Artificial Intelligence	3	2	3	CS 324	CS 422
	CS 415	Principles of Operating Systems	3	3	-	CS 323	-
	CSE 2	CS Professional Elective 2	3	2	3	-	-
		TOTAL	**18**	**14**	**12**		

FOURTH YEAR
Second Semester

Final Grade	Course Code	Course Title	Unit/s	Lec	Lab	Pre-Requisite/s	Co-Requisite/s
	CS 421	CS Thesis 2	3	3	-	CS 411	-
	CS 422	Machine Learning	3	2	3	CS 414	-
	CS 423	Social Issues and Professional Practice	3	3	-	IT 111	-
	IT 323	Information Assurance and Security	3	2	3	IT 212	-
	ENGG 405	Technopreneurship	3	3	-	CS 411	-
	CPE 3	CS Professional Elective 3	3	2	3	-	-
		TOTAL	**18**	**15**	**9**		