

PAMANTASAN NG LUNGSOD NG MAYNILA  
Coplege of Engineering Technology

Bachelor of Science in Computer Science (BSCS)  
S.Y. 2022-2023

Name : Cseth Marcus A. Martillano  
Student Number: 202001717

ENTRANCE DATE : 2020-2021  
Total Number of Units: **154**

First Year, First Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
ICC 0101	Introduction to Computing (lec)	2		1.75
ICC 0101.1	Introduction to Computing (lab)	1		1.25
ICC 0102	Fundamentals of Programming (lec)	2		1.00
ICC 0102.1	Fundamentals of Programming (lab)	1		1.25
CSC 0102	Discrete Structure 1	3		1.25
STS 0002	Science, Technology and Society	3		1.25
MMW 0001	Mathematics in the Modern World	3		1.75
PCM 0006	Purposive Communications	3		1.50
IPP 0010	Interdisiplinaryong Pagbasa at Pagsulat tungo sa Mabisang Pagpapahayag	3		1.00
PED 0001	Foundation of Physical Activities	(2)		1.00
NSTP 1	National Service Training Program -ROTC 1/ CTWS 1	(3)		1
	<b>TOTAL</b>	<b>21</b>	<b>GWA</b>	<b>1.33</b>

First Year, Second Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
ICC 0103	Intermediate Programming (lec)	2	ICC 0102, ICC 0102.1	1.00
ICC 0103.1	Intermediate Programming (lab)	1	(ICC 0103)	1.00
ICC 0104	Data Structures and Algorithms (lec)	2	ICC 0102, ICC 0102.1	1.50
ICC 0104.1	Data Structures and Algorithms (lab)	1	(ICC 0104)	1.50
CSC 0211	Discrete Structures 2	3	CSC 0102	1.00
CSC 0223	Human Computer Interaction	3		2.00
TCW 0005	The Contemporary World	3		1.25
RPH 0004	Readings in Philippine History	3		1.00
LWR 0009	Life and Works of Rizal	3		1.00
PED	PE Elective (12, 13, or 14)	(2)	PED 00012-21	1.25
NSTP 2	National Service Training Program -ROTC 2/ CTWS 2	(3)	NSTP 1	1.25
	<b>TOTAL</b>	<b>21</b>	<b>GWA</b>	<b>1.25</b>

Second Year, First Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
CSC 0212	Object Oriented Programming (lec)	2	ICC 0103, ICC 0103.1, ICC 0104, ICC 0104.1	1.25
CSC 0212.1	Object Oriented Programming (lab)	1	(CSC 0212)	1.25
CSC 0213	Logic Design and Digital Computer Circuits (lec)	2	CSC 0211	1.00
CSC 0213.1	Logic Design and Digital Computer Circuits (lab)	1	(CSC 0213)	1.00
CSC 0224	Operation Research	3	CSC 0211	1.50
ICC 0105	Information Management (lec)	2	ICC 0104, ICC 0104.1	1.25
ICC 0105.1	Information Management (lab)	1	(ICC 0105)	1.25
ITE 0001	Living in the IT Era	3		1.25
ETH 0008	Ethics	3		1.50
UTS 0003	Understanding the Self	3		1.00
PE 13	PE Elective (12, 13, or 14)	(2)	PED 0001	1
	<b>TOTAL</b>	<b>21</b>	<b>GWA</b>	<b>1.25</b>

Second Year, Second Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
CSC 0221	Algorithm and Complexity	3	CSC 0212, CSC 0212.1, ICC 0105, CSC 0105.1	1.75
CSC 0222	Architecture and Organization (lec)	2	CSC 0213, CSC 0213.1	1.00
CSC 0222.1	Architecture and Organization (lab)	1	(CSC 0222)	1.00
ICC 0106	Applications Development and Emerging Technologies (lec)	2	CSC 0212, CSC 0212.1, ICC 0105, CSC 0105.1	1.25
ICC 0106.1	Applications Development and Emerging Technologies (lab)	1	(ICC 0106)	1.25
CSC 0316	Information Assurance Security	3		2.50
CBM 0016	The Entrepreneurial Mind	3		1.00
GES 0013	Environmental Science	3		2.25
AAP 0007	Art Appreciation	3		1.25
PE 14	PE Elective (12, 13, or 14)	(2)	PED 0001	1.00
	<b>TOTAL</b>	<b>21</b>	<b>GWA</b>	<b>1.57</b>

## Third Year, First Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
CSC 0311	Automata Theory and Formal Languages	3	CSC 0221	1.00
CSC 0312	Programming Languages (lec)	2	3rd Year Standing	1.00
CSC 0312.1	Programming Languages (lab)	1	(CSC 0312)	1.50
CSC 0313	Software Engineering (lec)	2	3rd Year Standing	1.75
CSC 0313.1	Software Engineering (lab)	1	(CSC 0313)	1.75
CSC 0314	Operating System (lec)	2	CSC 0222, CSC 0222.1	1.00
CSC 0314.1	Operating System (lab)	1	(CSC 0314)	1.00
CSC 0315	Intelligent System (lec)	2	3rd Year Standing	1.00
CSC 0315.1	Intelligent System (lab)	1	(CSC 0315)	1.25
	<b>TOTAL</b>	<b>15</b>	<b>GWA</b>	<b>1.20</b>

## Third Year, Second Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
CSC 0321	Software Engineering 2 (lec)	2	CSC 0313, CSC 0313.1	1.25
CSC 0321.1	Software Engineering 2 (lab)	1	(CSC 0321)	1.50
CSC 0322	Compiler Design (lec)	2	CSC 0311	1.00
CSC 0322.1	Compiler Design (lab)	1	(CSC 0322)	1.00
CSC 0323	Computational Science (lec)	2	3rd Year Standing	1.00
CSC 0323.1	Computational Science (lab)	1	(CSC 0323)	1.00
CSC 0324	CS Elective 1 (lec)	2	3rd Year Standing	1.25
CSC 0324	CS Elective 1 (lab)	1	(CSC 0324)	1.25
CSC 0325	Research Writing	3	3rd Year Standing	1.00
	<b>TOTAL</b>	<b>15</b>	<b>GWA</b>	<b>1.12</b>

## Third Year, Summer

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
CSC 195.1	Practicum (240 hrs)	2	Incoming 4th Year	
	<b>TOTAL</b>	<b>2</b>	<b>GWA</b>	

## Fourth Year, First Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
CSC 0411	CS Thesis Writing 1	3	CSC 0325	
CSC 0412	Networks and Communication (lec)	2	CSC 0314, CSC 0314.1	
CSC 0412.1	Networks and Communication (lab)	1	(CSC 0412)	
CSC 0413	CS Elective 2 (lec)	2	4th Year Standing	
CSC 0413.1	CS Elective 2 (lab)	1	(CSC 0413)	
CSC 0414	CS Elective 3 (lec)	2	4th Year Standing	
CSC 0414.1	CS Elective 3 (lab)	1	(CSC 0414)	
	<b>TOTAL</b>	<b>12</b>	<b>GWA</b>	

## Fourth Year, Second Semester

COURSE CODE	COURSE TITLE	UNITS	PRE(CO)-REQUISITES	GRADE
CSC 0421	CS Thesis Writing 2	3	CSC 0411	
CSC 0422	Parallel and Distributing Computing (lec)	2	CSC 0412	
CSC 0422.1	Parallel and Distributing Computing (lab)	1	(CSC 0422)	
CSC 0423	Social Issues and Professional Practice	3	4th Year Standing	
CSC 0424	Graphics and Visual Computing (lec)	2	4th Year Standing	
CSC 0424.1	Graphics and Visual Computing (lab)	1	(CSC 0424)	
	<b>TOTAL</b>	<b>12</b>	<b>GWA</b>	