

FIRST YEAR

First Semester

		Units			Hours		Pre-requisites
		Lec	Lab		Lec	Lab	
CYBER 1	Introduction to Computers and Networking	3	2	1	2	3	None
CYBER 2	Introduction to Cybersecurity	3	2	1	2	3	None
CYBER 3	Programming Fundamentals	3	2	1	2	3	None
CyberElec1	Cybersecurity Elective 1	3	2	1	2	3	None
GEC-UTS	Understanding the Self	3	3	0	3	0	None
GEC-MATH	Mathematics in the Modern World	3	3	0	3	0	None
GEC-PCOM	Purposive Communication	3	3	0	3	0	None
BSC 1	Being Skills Course 1	1.5	1.5	0	1.5	0	None
PE1/ PATHFit 1	Physical Activities Towards Health and Fitness 1: Movement Competency Training	2	2	0	2	0	None
NSTP 1	National Service Training Program 1	3	3	0	3	0	None
		27.5					

FIRST YEAR

Second Semester

		Units			Hours		Pre-requisites
		Lec	Lab		Lec	Lab	
CYBER 4	Computer Organization	3	2	1	2	3	CYBER 1
CYBER 5	Network Security	3	2	1	2	3	CYBER 1
CYBER 6	Cybersecurity and Digital Forensics	3	2	1	2	3	CYBER 2
CyberElec2	Cybersecurity Elective 2	3	2	1	2	3	None
GEC-ART	Art Appreciation	3	3	0	3	0	None
GEC-STC	Science, Technology and Society	3	3	0	3	0	None
Math 1	College Algebra	3	3	0	3	0	GEC-MATH
BSC 2	Being Skills Course 2	1.5	1.5	0	1.5	0	BSC 1
PE2/ PATHFit 2	Physical Activities Towards Health and Fitness 2: Exercise-Based Fitness Activities	2	2	0	2	0	PE 1
NSTP 2	National Service Training Program 2	3	3	0	3	0	NSTP 1
		27.5					

SUMMER

GEC-ETHICS	Ethics (Professional Ethics)	3	3	0	3	0	None
CYBER 7	Discrete Structures	3	3	0	3	0	CYBER 3
Math 2	Trigonometry	3	3	0	3	0	Math 1
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SECOND YEAR

First Semester

		Units			Hours		Pre-requisites
		Lec	Lab		Lec	Lab	
CYBER 8	CCNA 1 - Networking 1	3	2	1	2	3	CYBER 4
CYBER 9	Operating Systems	3	2	1	2	3	CYBER 4
CYBER 10	Machine Learning and Artificial Intelligence for Cybersecurity	3	2	1	2	3	CYBER 3
CYBER 11	Security-Oriented Systems Analysis and Design	3	2	1	2	3	CYBER 5 & CYBER 6
CYBER 12	IT Governance and Security Planning	3	3	0	3	0	CYBER 5 & CYBER 6
CYBER 13	Cryptography and Cryptanalysis	3	2	1	2	3	CYBER 7
CYBER 14	Ethical Hacking and Defense Strategy	3	2	1	2	3	CYBER 5
IT 2	Accounting Principles	3	2	1	2	3	Math 1
Math 3	Analytic Geometry	3	3	0	3	0	Math 2
PE3/ PATHFit 3	Physical Activities Towards Health and Fitness 3: Philippine Traditional Dances	2	2	0	2	0	PE 1 & PE 2
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SECOND YEAR			Units		Hours		Pre-requisites
Second Semester			Lec	Lab	Lec	Lab	
CYBER 15	CCNA 2 - Networking 2	3	2	1	2	3	CYBER 8
CYBER 16	Server Administration and Security	3	2	1	2	3	CYBER 9
CYBER 17	Capstone Project 1	3	3	0	3	0	CYBER 11
CYBER 18	Information Security	3	2	1	2	3	CYBER 2
GEC-TCW	The Contemporary World	3	3	0	3	0	None
EPC	English Proficiency	3	3	0	3	0	None
Math 3C	Probability and Statistics	3	3	0	3	0	Math 3
Math 4	Differential Calculus	3	3	0	3	0	Math 3
PE4/ PATHFit 4	Physical Activities Towards Health and Fitness 4: Martial Arts-Taekwondo	2	2	0	2	0	PE 1 & PE 2
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SUMMER			Units		Hours		Pre-requisites
			Lec	Lab	Lec	Lab	
CYBER 19	CCNA 3 - Networking 3	3	2	1	2	3	CYBER 15
CyberElec3	Cybersecurity Elective 3	3	2	1	2	3	None
Math 5	Integral Calculus	3	3	0	3	0	Math 4
		9					

THIRD YEAR			Units		Hours		Pre-requisites
First Semester			Lec	Lab	Lec	Lab	
CYBER 20	Legal Aspects and Issues of Cybersecurity	3	3	0	3	0	GEC-ETHICS
CYBER 21	Cyber Incident Analysis and Response	3	2	1	2	3	CYBER 5
CYBER 22	Capstone Project 2	3	2	1	2	3	CYBER 17
CYBER 23	Seminars and Field Trip	3	3	0	3	0	3rd Year Standing
CyberElec4	Cybersecurity Elective 4	3	2	1	2	3	None
FL	Foreign Language	3	3	0	3	0	None
Rizal	The Life and Works of Rizal	3	3	0	3	0	None
GEC-RPH	Readings in Philippine History	3	3	0	3	0	None
Phys 1	Calculus-based Physics	3	1	2	2	3	Math 5
		27					

THIRD YEAR			Units		Hours		Pre-requisites
Second Semester			Lec	Lab	Lec	Lab	
CYBER 24	OJT/Practicum for Cybersecurity (600 hours)	9	9	0	9	0	3rd Year Standing
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COURSE ELECTIVES (CyberElec 1-4)			Units		Hours		Pre-requisites
			Lec	Lab	Lec	Lab	
Internet of Things (IoT) Security		3	2	1	2	3	None
Web Application Security		3	2	1	2	3	None
Blockchain Technology		3	2	1	2	3	None
Malware Analysis Fundamentals		3	2	1	2	3	None
Cloud and Mobile Computing Security		3	2	1	2	3	None
Intrusion Prevention and Penetration Testing		3	2	1	2	3	None