ASSOCIATE IN COMPUTER TECHNOLOGY
ENHANCED CURRICULUM SY 2018 - 2019

FIRST YEAR
First Semester

			Units Lec	Units Lab	Hours Lec	Hours Lab	Pre-requisites
	Comp 1	Introduction to Computing	3	2	1	2	3	None
	GEC-UTS	Understanding the Self	3	3	0	3	0	None
	Comp 2	Computer Programming 1 (Fundamentals of Programming)	3	2	1	2	3	None
	GEC-RPH	Readings in Philippine History	3	3	0	3	0	None
	GEC-MATH	Mathematics in the Modern World	3	3	0	3	0	None
	PE 1	Physical Fitness & Gymnastic	2	2	0	2	0	None
	NSTP 1	National Service Training Program 1	3	3	0	3	0	None
			20					

Second Semester

			Units Lec	Units Lab	Hours Lec	Hours Lab	Pre-requisites
	Comp 3	Computer Programming 2 (Intermediate Programming)	3	2	1	2	3	Comp 2
	Math 1	College Algebra	3	3	0	3	0	GEC-MATH
	GEC-TCW	The Contemporary World	3	3	0	3	0	None
	GEC-STS	Science, Technology and Society	3	3	0	3	0	None
	GEC-ART	Art Appreciation	3	3	0	3	0	None
	PE 2	Rhythmic Activities	2	2	0	2	0	PE 1
	NSTP 2	National Service Training Program 2	3	3	0	3	0	NSTP 1
			20					

SECOND YEAR
First Semester

			Units Lec	Units Lab	Hours Lec	Hours Lab	Pre-requisites
	Comp 4	Data Structures and Algorithms	3	2	1	2	3	Comp 3
	GEC-PCOM	Purposive Communication	3	3	0	3	0	None
	IT 1	Computer Organization	3	2	1	2	3	Comp 1 & Comp 2
	IT 2	Accounting Principles	3	3	0	3	0	Math 1
	IT 3	Elective 1	3	2	1	2	3	Comp 1 & Comp 2

							Prerequisite
Math 2	Trigonometry	3	3	0	3	0	Math 1
PE 3	Individual & Dual Sports	2	2	0	2	0	PE 2
		20					

Second Semester

							Prerequisite
IT 4	Elective 2	3	2	1	2	3	IT 3
Rizal	The Life and Works of Rizal	3	3	0	3	0	None
IT 5	Operating Systems	3	2	1	2	3	IT 1
IT 6	Networking 1	3	2	1	2	3	IT 1
IT 7	Object-Oriented Programming	3	2	1	2	3	Comp 4
Math 3	Analytic Geometry	3	3	0	3	0	Math 2
GEC-ETHICS	Ethics (Professional Ethics)	3	3	0	3	0	None
PE 4	Team Sports & Recreation	2	2	0	2	0	PE 3
		23					

Electives for Specialization Tracks:
DIGITAL ANIMATION

IT 3 - Elective 1	Principles of Animation
IT 4 - Elective 2	Digital Imaging and 2D Animation

Electives for No Specialization Track:

IT 3 - Elective 1	Current Trends in IT
IT 4 - Elective 2	Mobile Technology

MULTIMEDIA TECHNOLOGIES

IT 3 - Elective 1	Introduction to Multimedia Technologies
IT 4 - Elective 2	Desktop Publishing and Graphics Design

ASSOCIATE IN COMPUTER TECHNOLOGY
ENHANCED CURRICULUM Effective SY 2021 - 2022

FIRST YEAR First Semester			Units		Hours		Pre-requisites
			Lec	Lab	Lec	Lab	
Comp 1	Introduction to Computing	3	2	1	2	3	None
GEC-UTS	Understanding the Self	3	3	0	3	0	None
Comp 2	Computer Programming 1 (Fundamentals of Programming)	3	2	1	2	3	None
GEC-MATH	Mathematics in the Modern World	3	3	0	3	0	None
BSC 1	Being Skills Course 1	1.5	1.5	0	1.5	0	None
PE 1	Physical Fitness & Gymnastic	2	2	0	2	0	None
NSTP 1	National Service Training Program 1	3	3	0	3	0	None
		18.5					

Second Semester			Units		Hours		Pre-requisites
			Lec	Lab	Lec	Lab	
Comp 3	Computer Programming 2 (Intermediate Programming)	3	2	1	2	3	Comp 2
Math 1	College Algebra	3	3	0	3	0	GEC-MATH
GEC-PCOM	Purposive Communication	3	3	0	3	0	None
GEC-TCW	The Contemporary World	3	3	0	3	0	None
GEC-ART	Art Appreciation	3	3	0	3	0	None
BSC 2	Being Skills Course 2	1.5	1.5	0	1.5	0	BSC 1
PE 2	Rhythmic Activities	2	2	0	2	0	PE 1
NSTP 2	National Service Training Program 2	3	3	0	3	0	NSTP 1
		21.5					

SECOND YEAR First Semester			Units		Hours		Pre-requisites
			Lec	Lab	Lec	Lab	
Comp 4	Data Structures and Algorithms	3	2	1	2	3	Comp 3
GEC-RPH	Readings in Philippine History	3	3	0	3	0	None
GEC-STS	Science, Technology and Society	3	3	0	3	0	None
IT 1	Computer Organization	3	2	1	2	3	Comp 1 & Comp 2
IT 2	Accounting Principles	3	3	0	3	0	Math 1

	Code	Title						Pre-requisite
___	IT 3	Elective 1	3	2	1	2	3	Comp 1 & Comp 2
___	Math 2	Trigonometry	3	3	0	3	0	Math 1
___	PE 3	Individual & Dual Sports	2	2	0	2	0	PE 2
			23					

Second Semester

	Code	Title						Pre-requisite
___	IT 4	Elective 2	3	2	1	2	3	IT 3
___	IT 5	Operating Systems	3	2	1	2	3	IT 1
___	IT 6	Networking 1	3	2	1	2	3	IT 1
___	IT 7	Object-Oriented Programming	3	2	1	2	3	Comp 4
___	Math 3	Analytic Geometry	3	3	0	3	0	Math 2
___	GEC-ETHICS	Ethics (Professional Ethics)	3	3	0	3	0	None
___	EPC	English Proficiency	3	3	0	3	0	None
___	PE 4	Team Sports & Recreation	2	2	0	2	0	PE 3
			23					

Electives for Specialization Tracks:
DIGITAL ANIMATION
IT 3 - Elective 1 - Principles of Animation
IT 4 - Elective 2 - Digital Imaging and 2D Animation

MULTIMEDIA TECHNOLOGIES
IT 3 - Elective 1 - Introduction to Multimedia Technologies
IT 4 - Elective 2 - Desktop Publishing and Graphics Design

Electives for No Specialization Track:
IT 3 - Elective 1 - Current Trends in IT
IT 4 - Elective 2 - Mobile Technology