College of Information and Computing









PROGRAM OF STUDY ASSOCIATE IN COMPUTER TECHNOLOGY Major in Networking

	Effective First Semester Academic Year 2025-2026										
	FIRST YEAR										
			Semes			1					
		_	o. of	_	. of		l No. of Hrs				
Course			nits		/Week	•	Semester				
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s			
CC111	Introduction to Computing	3	0	3	0	54	0	None			
CC112	Computer Programming 1	2	1	2	3	36	54	None			
GE-											
PurCom	Purposive Communication (GE)	3	0	3	0	54	0	None			
GE-	Mathemathics in the Modern										
MMW	World (GE)	3	0	3	0	54	0	None			
NW111	Platform Technologies 1	2	1	2	3	36	54	None			
	National Service Training										
GEM111	Program 1	3	0	3	0	54	0	None			
	Movement Competency										
PATHFit1	Training	2	0	2	0	36	0	None			
	Total	18	2	18	6	324	108				
	S	econd	Sem	ester							
		No	. of	No	. of	Tota	l No. of Hrs				
Course		Ur	nits	Hours	/Week	per	Semester				
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s			
								CC111,			
CC201	Computer Programming 2	2	1	2	3	36	54	CC112			
	Data Communications and										
NW121	Networking 1	3	0	3	0	54	0	CC111			
NW122	System Administration	3	0	3	0	54	0	NW111			
	Science, Technology, and										
GE-STS	Society	3	0	3	0	54	0	None			
GE-											
ETHICS	Ethics	3	0	3	0	54	0	None			
	National Service Training										
GEM112	Program 2	3	0	3	0	54	0	GEM111			
	Exercise-based Fitness										
PATHFit2	Activities	2	0	2	0	36	0	PATHFit1			
	Statistics for Data Science										
	Total	19	1	19	3	342	54				
	(SECO	ND YE	EAR							
			Semes								
		No	o. of	No	. of	Tota	l No. of Hrs				
Course		Ur	nits		/Week		Semester				
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s			
CC211	Data Structures and Algorithms	2	1	2	3	36	54	CC201			
CC212	Information Management 1	2	1	2	3	36	54	CC111			
							. •				









	Professional Issues in								
NW211	Computing		3	0	3	0	54	0	GE-ETHICS
	Data Communications and								
NW212	Networking 2		2	1	2	3	36	54	NW121
NW213	Network Administration		2	1	2	3	36	54	NW122
GEM-									
Rizal	Life and Works of Rizal		3	0	3	0	54	0	None
PATHFit3	Sports		2	0	2	0	36	0	PATHFit2
		Total	16	4	16	12	288	216	
		Se	econd	I Sem	ester				
			No	. of	No	. of	Tota	l No. of Hrs	
Course			Ur	nits	Hours	/Week	per	Semester	
Code	Course Title		Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
									All Courses
			0	6		320) hour	s	Passed in all
						021	riour	O	Previous
NWOJT	On the Job Training					1	T	T	Semesters
									All Courses
									Passed in all
									Previous
NW221	Cyber Security Principles		2	1	2	3	36	54	Semesters
PATHFit4	Sports		2	0	2	0	36	0	PATHFit3
		Total	4	7	4	3	392	54	

COURSES	Required units in the CMO	Indicated in the Program Study
General Education*	15	15
Core Computing Courses	15	15
Specialization Courses	18	18
Professional Issues in Computing	3	3
Internship (min 320 hrs)	6	6
PE	8	8
NSTP	6	6
TOTAL	71	71



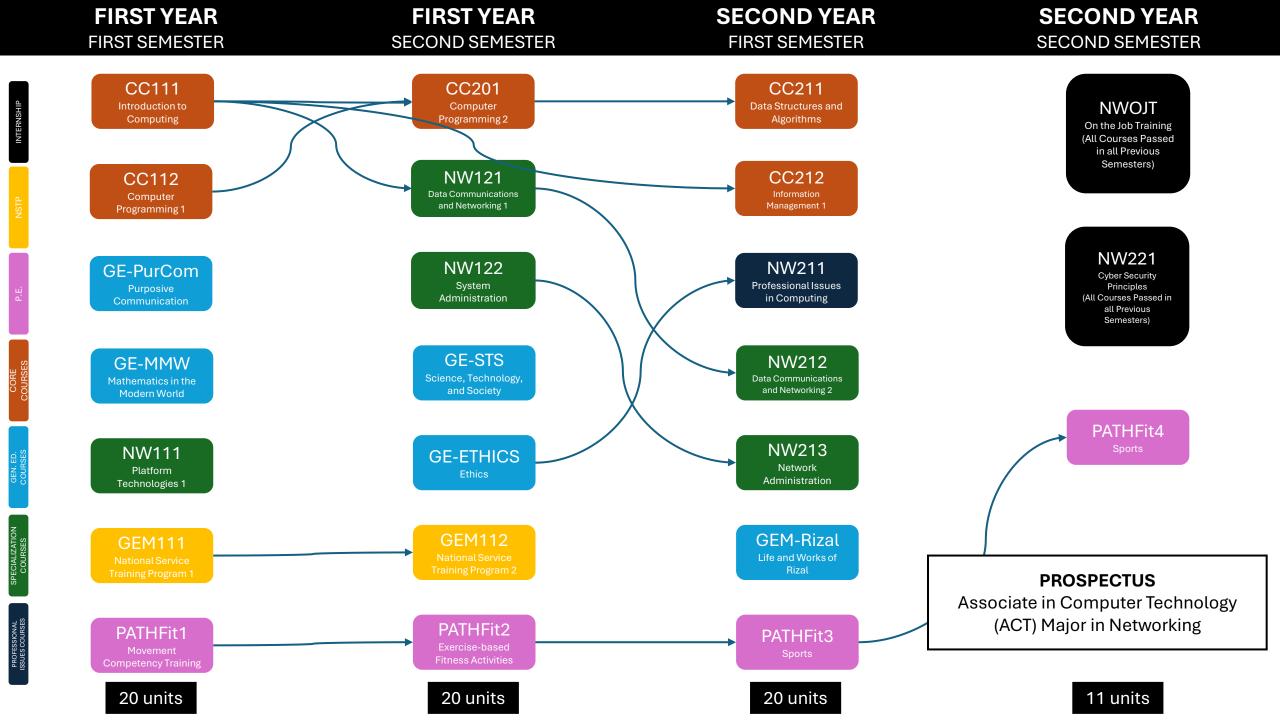






DETAILED BREAKDOWN CURRICULUM STRUCTURE a. MAJOR IN NETWORKING

COURSE CODE	COURSE TITLE	UNITS	TOTAL UNITS
A. GENERAL EDU	JCATION COURSES		15
GE-PurCom	Purposive Communication (GE)	3	
GE-MMW	Mathemathics in the Modern World (GE)	3	
GE-STS	Science, Technology, and Society	3	
GE-ETHICS	Ethics	3	
GEM-Rizal	Life and Works of Rizal	3	
B. CORE COMPU	TING COURSES		15
CC111	Introduction to Computing	3	
CC112	Computer Programming 1	3	
CC201	Computer Programming 2	3	
CC211	Data Structures and Algorithms	3	
CC212	Information Management 1	3	
C. SPECIALIZATI	ON COURSES		18
NW111	Platform Technologies 1	3	
NW121	Data Communications and Networking 1	3	
NW122	System Administration	3	
NW212	Data Communications and Networking 2	3	
NW213	Network Administration	3	
NW221	Cyber Security Principles	3	
D. PROFESSIONA	AL ISSUES IN COMPUTING		3
NW211	Professional Issues in Computing	3	
E. INTERNSHIP (MIN 320 HRS)		6
NWOJT	On the Job Training	6	
F. PE			8
PATHFit1	Movement Competency Training	2	
PATHFit2	Exercise-based Fitness Activities	2	
PATHFit3	Sports	2	
PATHFit4	Sports	2	
G. NSTP			6
GEM111	National Service Training Program 1	3	
GEM112	National Service Training Program 2	3	
	TOTAL		71











PROGRAM OF STUDY ASSOCIATE IN COMPUTER TECHNOLOGY Major in Applications Development

	Effective First Ser				ear 202	5-2026	3	
			T YE					
		First			-t	Tata	l Nia afilia	
Cauraa		No. of No. of Total No. of Hrs Units Hours/Week per Semester						
Course Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	 Prerequisite/s
CC111	Introduction to Computing	3	0	3	0	54	0	None
CC111	Computer Programming 1	2	1	2	3	36	54	None
GE-	Purposive Communication		1		3	30	J 1	None
PurCom	(GE)	3	0	3	0	54	0	None
	Mathemathics in the Modern							
GE-MMW	World (GE)	3	0	3	0	54	0	None
	Professional Issues in							
AD111	Computing	3	0	3	0	54	0	None
	National Service Training		_		_			
GEM111	Program 1	3	0	3	0	54	0	None
D A TL I E:44	Movement Competency	_	_	0		20	0	Maria
PATHFit1	Training	2	0	2	0	36	0	None
	Total	10	4	40	2	240	Ε.4	
	Total	19	1	19	3	342	54	
	<u> </u>	econo	<u>1 Sem</u> . of		. of	Tota	No. of Hrs	
Course		_	. oi iits	_	. oi /Week		Semester	
Course Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	 Prerequisite/s
Code	Course Title	Lec	Lau	LEC	Lau	Lec	Lau	CC111,
CC121	Computer Programming 2	2	1	2	3	36	54	CC112
AD121	Human Computer Interaction	2	1	2	3	36	54	CC111
AD122	Object-Oriented Programming	2	1	2	3	36	54	CC112
AD123	Web Development 1	2	1	2	3	36	54	None
GE-TCW	The Contemporary World	3	0	3	0	54	0	None
	National Service Training		_				-	
GEM112	Program 2	3	0	3	0	54	0	GEM111
	Exercise-based Fitness							
PATHFit2	Activities	2	0	2	0	36	0	PATHFit1
	Statistics for Data Science							
	Total	16	4	16	12	288	216	
		<u>SECO</u>	ND Y	EAR				
		First						I
		_	. of		. of		No. of Hrs	
Course			nits		/Week	-	Semester	
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
CC244	Data Structures and	2	4	0	2	26	ΕΛ	00101
CC211	Algorithms Information Management 1	2	1	2	3	36	54 54	CC121
CC212	Information Management 1 Mobile Application		I		J	36	54	CC111
	I IVIUUIIE AUDIICALIUII	I	ĺ	I	1			CC121,









AD212	Web Development 2	2	1	2	3	36	54	AD123
GEM-								
Rizal	Life and Works of Rizal	3	0	3	0	54	0	None
	Science, Technology, and							
GE-STS	Society	3	0	3	0	54	0	None
PATHFit3	Sports	2	0	2	0	36	0	PATHFit2
	Total	16	4	16	12	288	216	
	S	econo	l Sem	ester				
		No	. of	No	. of	Tota	No. of Hrs	
Course		Ur	nits	Hours	/Week	per	Semester	
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
								All Courses
			6		320) hour	e	Passed in all
_					021	Tiour	5	Previous
ADOJT	On the Job Training				T	1	T	Semesters
								All Courses
								Passed in all
	Applications Development and							Previous
AD221	Emerging Technologies	2	1	2	3	36	54	Semesters
PATHFit4	Sports	2	0	2	0	54	0	PATHFit3
	Total	4	7	4	3	410	54	

COURSES	Required units in the CMO	Indicated in the Program Study
General Education*	15	15
Core Computing Courses	15	15
Specialization Courses	18	18
Professional Issues in Computing	3	3
Internship (min 320 hrs)	6	6
PE	8	8
NSTP	6	6
TOTAL	71	71



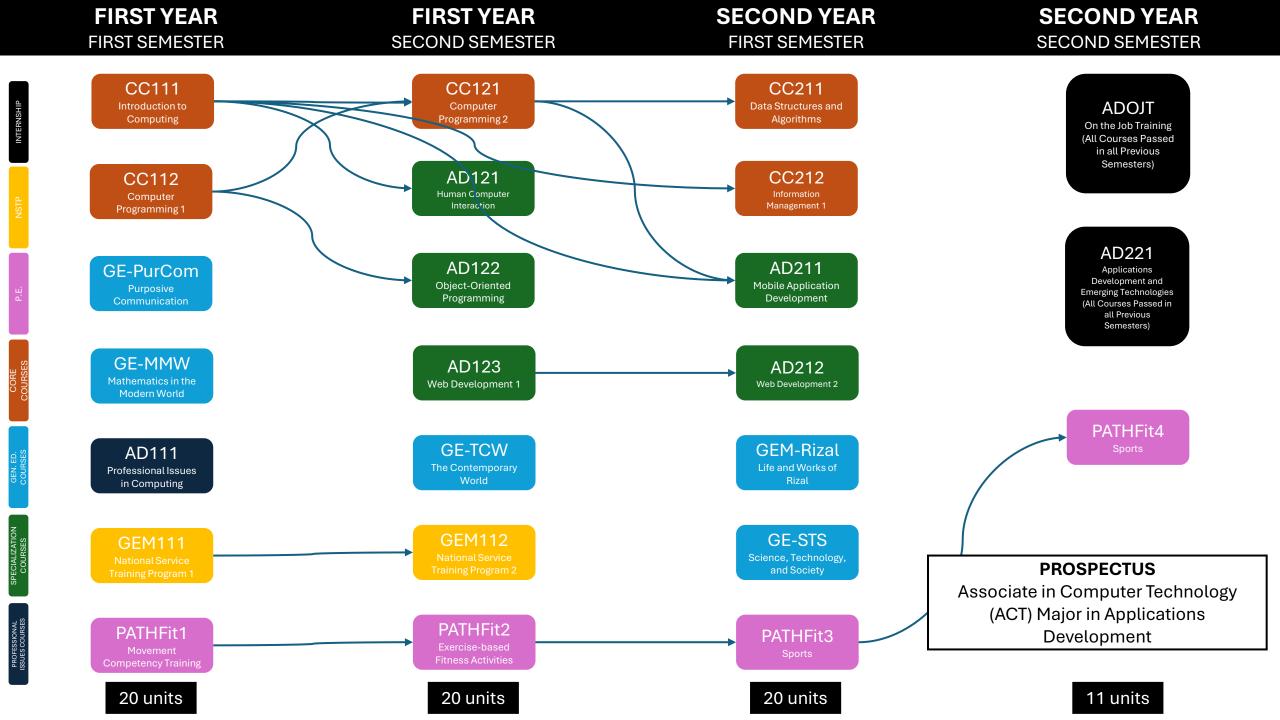






MAJOR IN APPLICATIONS DEVELOPMENT

COURSE CODE	COURSE TITLE	UNITS	TOTAL UNITS
A. GENERAL EDU	JCATION COURSES		15
GE-PurCom	Purposive Communication (GE)	3	
GE-MMW	Mathemathics in the Modern World (GE)	3	
GE-TCW	The Contemporary World	3	
GEM-Rizal	Life and Works of Rizal	3	
GE-STS	Science, Technology, and Society	3	
B. CORE COMPU	TING COURSES		15
CC111	Introduction to Computing	3	
CC112	Computer Programming 1	3	
CC121	Computer Programming 2	3	
CC211	Data Structures and Algorithms	3	
CC212	Information Management 1	3	
C. SPECIALIZATI		•	18
AD121	Human Computer Interaction	3	
AD122	Object-Oriented Programming	3	
AD123	Web Development 1	3	
AD211	Mobile Application Development	3	
AD212	Web Development 2	3	
	Applications Development and Emerging		
AD221	Technologies	3	
D. PROFESSION	AL ISSUES IN COMPUTING		3
AD111	Professional Issues in Computing	3	
E. INTERNSHIP (I	MIN 320 HRS)		6
ADOJT	On the Job Training	6	
F. PE			8
PATHFit1	Movement Competency Training	2	
PATHFit2	Exercise-based Fitness Activities	2	
PATHFit3	Sports	2	
PATHFit4	Sports	2	
G. NSTP			6
GEM111	National Service Training Program 1	3	
GEM112	National Service Training Program 2	3	
	TOTAL		71











College of Information and Computing

PROGRAM OF STUDY ASSOCIATE IN COMPUTER TECHNOLOGY Major in Multimedia

	Effective First Sem	ester	Acade	mic Yea	ar 2025	-2026		
		FIRS						
	F	irst S				I		1
		_	. of		. of		No. of Hrs	
Course			nits		/Week	•	Semester	
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
CC111	Introduction to Computing	3	0	3	0	54	0	None
CC112	Computer Programming 1	2	1	2	3	36	54	None
GE-								
PurCom	Purposive Communication	3	0	3	0	54	0	None
	Mathematics in the Modern							
GE-MMW	World	3	0	3	0	54	0	None
MM111	Freehand and Digital Drawing	2	1	2	3	36	54	None
	National Service Training							
GEM111	Program 1	3	0	3	0	54	0	None
	Movement Competency	_	_	_			_	
PATHFit1	Training	2	0	2	0	36	0	None
	Total	18	2	18	6	324	54	
	Se	cond	Seme	ster				
		No	. of	No	. of	Total	No. of Hrs	
Course		Ur	nits	Hours	/Week	per	Semester	
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
								CC111,
CC121	Computer Programming 2	2	1	2	3	36	54	CC112
	Professional Issues in							
MM121	Computing	3	0	3	0	54	0	None
MM122	Multimedia Arts Solutions	2	1	2	3	36	54	MM111
MM123	Film Directing	2	1	2	3	36	54	None
GE-TCW	The Contemporary World	3	0	3	0	54	0	None
	National Service Training							
GEM112	Program 2	3	0	3	0	54	0	GEM111
	Exercise-based Fitness	_	_	_	_		_	
PATHFit2	Activities	2	0	2	0	36	0	PATHFit1
	Total	17	3	17	9	306	162	
	S	ECON	ID YE	AR				
	F	irst S				ı		T
	No. of No. of Total No. of Hrs							
Course			nits		/Week		Semester	
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
CC211	Data Structures and Algorithms	2	1	2	3	36	54	CC121
CC212	Information Management 1	2	1	2	3	36	54	CC111
	Script Writing and Story Board							GE-PurCom,
MM211	Design	2	1	2	3	36	54	MM122
MM212	Principles of 2D Animation	2	1	2	3	36	54	MM122







College of Information and Computing

GEM-								
Rizal	Life and Works of Rizal	3	0	3	0	54	0	None
GE-								
ArtApp	Art Appreciation	3	0	3	0	54	0	None
PATHFit3	Sports	2	0	2	0	36	0	PATHFit2
	Total	16	4	16	12	288	216	
	Se	econd	Seme	ster				
		No	o. of	No	. of	Total	No. of Hrs	
Course		Ur	nits	Hours	Week	per	Semester	
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
								All Courses
		0	6		300) hours	•	Passed in all
		0	0		520	Tiouis	•	Previous
MMOJT	On the Job Training							Semesters
								All Courses
								Passed in all
	GUI-based Applications							Previous
MM221	Development (with project)	2	1	2	3	36	54	Semesters
PATHFit4	Sports	2	0	2	0	36	0	PATHFit3
							_	
	Total	4	7	4	3	374	54	

COURSES	Required units in the CMO	Indicated in the Program Study
General Education*	15	15
Core Computing Courses	15	15
Specialization Courses	18	18
Professional Issues in Computing	3	3
Internship (min 320 hrs)	6	6
PE	8	8
NSTP	6	6
TOTAL	71	71



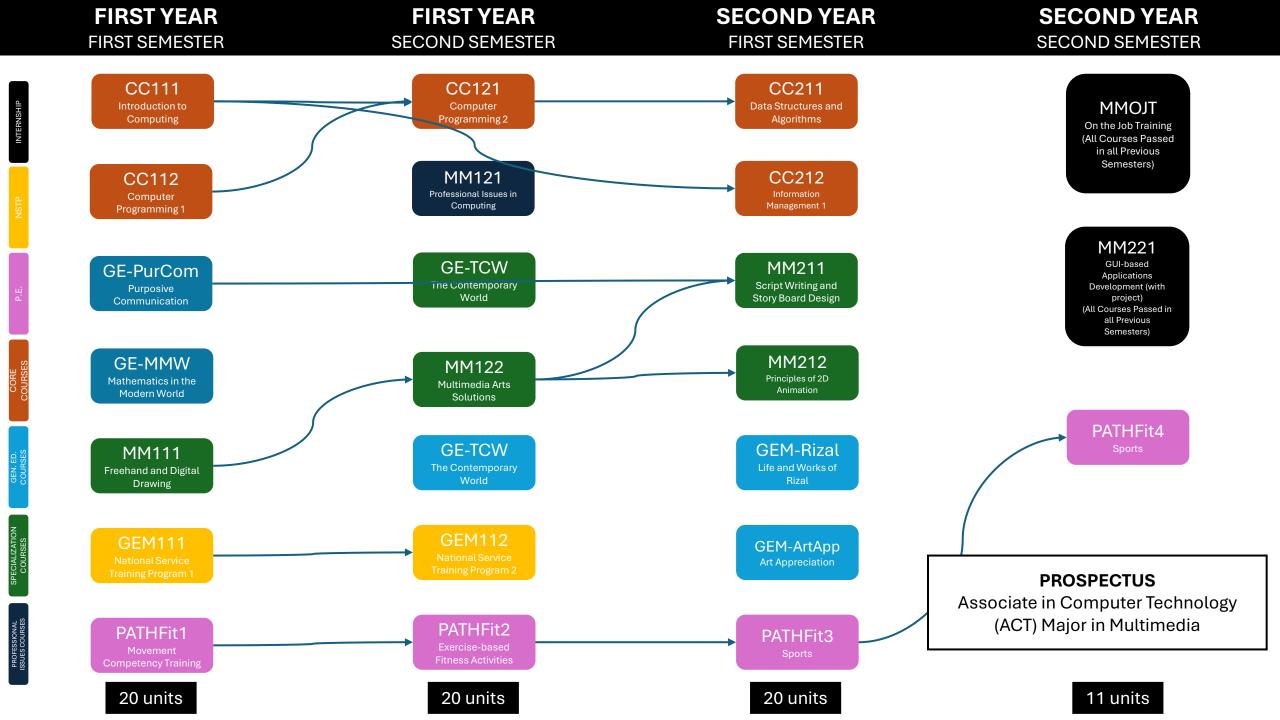




College of Information and Computing

MAJOR IN MULTIMEDIA

COURSE CODE	COURSE TITLE	UNITS	TOTAL UNITS
A. GENERAL EDI	JCATION COURSES		15
GE-PurCom	Purposive Communication	3	
GE-MMW	Mathematics in the Modern World	3	
GE-TCW	The Contemporary World	3	
GEM-Rizal	Life and Works of Rizal	3	
GE-ArtApp	Art Appreciation	3	
B. CORE COMPU	TING COURSES		15
CC111	Introduction to Computing	3	
CC112	Computer Programming 1	3	
CC121	Computer Programming 2	3	
CC211	Data Structures and Algorithms	3	
CC212	Information Management 1	3	
C. SPECIALIZATI	ON COURSES	·	18
MM111	Freehand and Digital Drawing	3	
MM122	Multimedia Arts Solutions	3	
MM123	Film Directing	3	
MM211	Script Writing and Story Board Design	3	
MM212	Principles of 2D Animation	3	
	GUI-based Applications Development (with		
MM221	project)	3	
D. PROFESSION	AL ISSUES IN COMPUTING		3
MM121	Professional Issues in Computing	3	
E. INTERNSHIP (MIN 320 HRS)		6
MMOJT	On the Job Training	6	
F. PE			8
PATHFit1	Movement Competency Training	2	
PATHFit2	Exercise-based Fitness Activities	2	
PATHFit3	Sports	2	
PATHFit4	Sports	2	
G. NSTP			6
GEM111	National Service Training Program 1	3	
GEM112	National Service Training Program 2	3	
	TOTAL		71











PROGRAM OF STUDY ASSOCIATE IN COMPUTER TECHNOLOGY Major in Data Engineering

CC121	Effective First Semester Academic Year 2025-2026								
No. of Units									
Course Code Course Title Units HoursWeek per Semester Prerequisite CC111 Introduction to Computing 3 0 3 0 54 0 None CC112 Computer Programming 1 2 1 2 3 0 35 0 54 0 None GE-PUCOM Mathematics in the Modern 3 0 3 0 54 0 None GE-MMW World 3 0 3 0 54 0 None GE-MMW World 3 0 3 0 54 0 None DE122 Computing 3 0 3 0 54 0 None DE111 Fundamentals 2 1 2 3 36 54 None GEM111 Program 1 3 0 3 0 54 0 None PATHFITI Program 1 3 0									
Code	Course								
CC111		Course Title		1					Prerequisite/s
CC112 Computer Programming 1 2 1 2 3 36 54 None									•
GE-PurCom		·		_	-				
Purposive Communication 3		Computer Frogramming 1		I		3	30	J 4	INOTIE
Mathematics in the Modern World World S D S D S D S D S D S D S D S D S D S D S D S D S D S D S D S D S D S D D	_	Purposive Communication	3	0	3	0	54	0	None
GE-MMW World S	1 41 5 5 111	i					0.		110110
DE122	GE-MMW		3	0	3	0	54	0	None
DE111	_	Professional Issues in	_	_					
DE111	DE122	Computing	3	0	3	0	54	0	None
National Service Training		·							
Movement Competency	DE111	Fundamentals	2	1	2	3	36	54	None
Movement Competency Training 2 0 2 0 36 0 None		National Service Training							
PATHFit1 Training	GEM111		3	0	3	0	54	0	None
Total 21 2 21 6 378 54		· · · · · · · · · · · · · · · · · · ·							
Second Semester	PATHFit1	Training	2	0	2	0	36	0	None
Second Semester									
No. of Units		Total	21	2	21	6	378	54	
Course Code Course Title Lec Lab Lec Lab Lec Lab Lec Lab Lec Lab Prerequisite CC121 Computer Programming 2 2 1 2 3 36 54 CC111, DE121 Human Computer Interaction 2 1 2 3 36 54 CC111 DE123 Systems 2 1 2 3 36 54 DE111 DE124 Database Programming 2 1 2 3 36 54 DE111 DE124 Database Programming 2 1 2 3 36 54 DE111 GE-TCW The Contemporary World 3 0 3 0 54 0 None National Service Training Program 2 3 0 3 0 54 0 GEM111 PATHFit2 Activities 2 0 2 0 36 0 <		Se	cond	Seme	ster				
Code Course Title Lec Lab Lec Lab Lec Lab Prerequisite CC121 Computer Programming 2 2 1 2 3 36 54 CC111, DE121 Human Computer Interaction 2 1 2 3 36 54 CC111 DE123 Systems 2 1 2 3 36 54 DE111 DE124 Database Programming 2 1 2 3 36 54 DE111 DE124 Database Programming 2 1 2 3 36 54 DE111 GE-TCW The Contemporary World 3 0 3 0 54 0 None National Service Training Program 2 3 0 3 0 54 0 GEM111 PATHFit2 Activities 2 0 2 0 36 0 PATHFit1 SECOND YEAR									
CC121 Computer Programming 2 2 1 2 3 36 54 CC112	Course		Ur	nits	Hours/Week		per Semester		
CC121 Computer Programming 2 2 1 2 3 36 54 CC112 DE121 Human Computer Interaction 2 1 2 3 36 54 CC111 DE123 Systems 2 1 2 3 36 54 DE111 DE124 Database Programming 2 1 2 3 36 54 DE111 GE-TCW The Contemporary World 3 0 3 0 54 0 None National Service Training 3 0 3 0 54 0 GEM111 Exercise-based Fitness 2 0 2 0 36 0 PATHFit1 Statistics for Data Science First Semester SECOND YEAR Course Title No. of Units No. of No. of Hosper Semester No. of Hosper Semester Code Course Title Lec Lab Lec Lab Lec <	Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
DE121 Human Computer Interaction 2									· ·
Database Management 2									
DE123 Systems 2	DE121	•	2	1	2	3	36	54	CC111
DE124 Database Programming 2	5 5 1 6 6							_,	
The Contemporary World 3 0 3 0 54 0 None		•		1					
National Service Training	DE124	Database Programming		1					DE111
GEM112 Program 2 3 0 3 0 54 0 GEM111 Exercise-based Fitness 2 0 2 0 36 0 PATHFit1 Statistics for Data Science SECOND YEAR First Semester No. of Units Hours/Week Per Semester Course Code Course Title Lec Lab Lec Lab Lec Lab Prerequisite CC211 Data Structures and Algorithms 2 1 2 3 36 54 CC121	GE-TCW	i	3	0	3	0	54	0	None
Exercise-based Fitness		_							
PATHFit2 Activities 2 0 2 0 36 0 PATHFit1 Statistics for Data Science Total 16 4 16 12 288 216 SECOND YEAR First Semester No. of Units No. of Hours/Week Total No. of Hrs per Semester Course Code Course Title Lec Lab Lec Lab Prerequisite CC211 Data Structures and Algorithms 2 1 2 3 36 54 CC121	GEM112		3	0	3	0	54	0	GEM111
Statistics for Data Science Total 16 4 16 12 288 216									
Total 16 4 16 12 288 216	PATHFit2		2	0	2	0	36	0	PATHFit1
SECOND YEAR First Semester No. of Units No. of Hours/Week Total No. of Per Semester Per Semester Code Course Title Lec Lab Lec Lab Lec Lab Prerequisite CC211 Data Structures and Algorithms 2 1 2 3 36 54 CC121									
First Semester Course No. of Units No. of Hours/Week Total No. of Per Semester Prerequisite Code Course Title Lec Lab Lec Lab Lec Lab Prerequisite CC211 Data Structures and Algorithms 2 1 2 3 36 54 CC121			l .	l		12	288	216	
Course Code Course Title CC211 Data Structures and Algorithms No. of Units Hours/Week per Semester Lec Lab Lec Lab Lec Lab Prerequisite CC121 2 3 36 54 CC121		S	ECON	ID YE	AR				
Course CodeCourse TitleUnitsHours/Weekper SemesterLecLabLecLabLecLabCC211Data Structures and Algorithms21233654CC121		F					1		
CodeCourse TitleLecLabLecLabLecLabPrerequisiteCC211Data Structures and Algorithms21233654CC121									
CC211 Data Structures and Algorithms 2 1 2 3 36 54 CC121	Course		Ur	nits	Hours	Week	per	Semester	
Ŭ III	Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
	CC211	Data Structures and Algorithms	2	1	2	3	36	54	CC121
CC212 Information Management 2 1 2 3 36 54 CC121	CC212	Information Management	2	1	2	3	36	54	CC121









DE211	Data Mining	2	1	2	3	36	54	DE123
	Fundamentals of Data							
DE212	Engineering	3	0	3	0	54	0	DE111
GEM-								
Rizal	Life and Works of Rizal	3	0	3	0	54	0	None
GE-	Science Technology and							
ArtApp	Society	3	0	3	0	54	0	None
PATHFit3	Sports	2	0	2	0	36	0	PATHFit2
	Total	17	3	17	9	306	162	
	Se	cond	Seme	ster				
		No	. of	No.	. of	Total	No. of Hrs	
Course		Ur	nits	Hours/	/Week	per	Semester	
Code	Course Title	Lec	Lab	Lec	Lab	Lec	Lab	Prerequisite/s
								All Courses
		0	6	1 3711 hours			Passed in all	
		0	0				Previous	
DEOJT	On the Job Training			Semesters			Semesters	
								All Courses
								Passed in all
	Introduction to Cloud and Big							Previous
DE221	Data	3	0	3	0	54	0	Semesters
PATHFit4	Sports	2	0	2	0	36	0	PATHFit3
	Total	5	6	5	0	410	0	

COURSES	Required units in the CMO	Indicated in the Program Study
General Education*	15	15
Core Computing Courses	15	15
Specialization Courses	18	21
Professional Issues in Computing	3	3
Internship (min 320 hrs)	6	6
PE	8	8
NSTP	6	6
TOTAL	71	74







College of Information and Computing

MAJOR IN DATA ENGINEERING

COURSE CODE	COURSE TITLE	UNITS	TOTAL UNITS
A. GENERAL EDU	JCATION COURSES		15
GE-PurCom	Purposive Communication	3	
GE-MMW	Mathematics in the Modern World	3	
GE-TCW	The Contemporary World	3	
GEM-Rizal	Life and Works of Rizal	3	
GE-ArtApp	Science Technology and Society	3	
B. CORE COMPU	TING COURSES		15
CC111	Introduction to Computing	3	
CC112	Computer Programming 1	3	
CC121	Computer Programming 2	3	
CC211	Data Structures and Algorithms	3	
CC212	Information Management	3	
C. SPECIALIZATI	ON COURSES		21
DE111	Database Management Fundamentals	3	
DE121	Human Computer Interaction	3	
DE123	Database Management Systems	3	
DE124	Database Programming	3	
DE211	Data Mining	3	
DE212	Fundamentals of Data Engineering	3	
DE221	Introduction to Cloud and Big Data	3	
D. PROFESSIONA	AL ISSUES IN COMPUTING		3
DE122	Professional Issues in Computing	3	
E. INTERNSHIP (MIN 320 HRS)		6
DEOJT	On the Job Training	6	
F. PE			8
PATHFit1	Movement Competency Training	2	
PATHFit2	Exercise-based Fitness Activities	2	
PATHFit3	Sports	2	
PATHFit4	Sports	2	
G. NSTP			6
GEM111	National Service Training Program 1	3	
GEM112	National Service Training Program 2	3	
	TOTAL		74

