



FIRST YEAR				Second Semester			
First Semester							
FG	Course No.	Course Title	Units	FG	Course No.	Course Title	Units
	ENG.111	Pre-Calculus Mathematics	4		ENG.121	Calculus 2: Integral Calculus	3
	ENG.112	Calculus 1: Differential Calculus	3		CPE.021	Programming Logic and Design	6
	ENG.101	Physics 1: Physics for Engineers	6		ENG.123	Discrete Mathematics	3
	CPE.111	Computer Engineering as a Discipline	1		PHIHIS	Readings in Philippine History	3
	ENG.102	Chemistry for Engineers	6		UNDSELF	Understanding the Self	3
	MATMOD	Mathematics in the Modern World	3		SPIECO	Spirituality & Ecology in the Christian, Ignatian & Islamic Traditions	3
	FFP1	Freshman Formation Program 1	3		FFP2	Freshman Formation Program 2	3
	NSTP1	National Service Training Program 1	3		NSTP2	National Service Training Program 2	3
	PATHFIT 1	Movement Enhancement	2		PATHFIT2	Fitness Exercise	2
		Total	31			Total	29
SUMMER							
FG	Course No.	Course Title	Units				
	ENG.131	Computer-Aided Design	2				
	ENG.032	Engineering Data Analysis	3				
	ENG.132	Engineering Management	3				
		Total	8				
SECOND YEAR				Second Semester			
First Semester							
FG	Course No.	Course Title	Units	FG	Course No.	Course Title	Units
	CPE.211	Object-Oriented Programming	6		CPE.221	Data Structure and Algorithm	6
	CPE.212	Fundamentals of Electrical Circuits	6		CPE.222	Fundamentals of Electronic Circuits	6
	ENG.211	Differential Equations	3		GE ELECT-DA	Data Analytics	3
	RIZAL	Life and Works of Rizal	3		PURCOM	Purposive Communication	3
	ACAD WRI	Academic Writing	3		PHIHUM	Philosophy of the Human Person Social & Political Dimensions	3
	ARTAPP	Art Appreciation	3		GE-ELECT LM	Literatures of Mindanao	3
	SCIETECs	Science, Technology & Society	3		VOCMIS	Vocation and Mission in the Christian, Ignatian and Islamic Traditions	3
	PATHFIT3	Dance/Sports/Rec & Games I	2		PATHFIT4	Dance/Sports/Rec & Games II	2
		Total	29			Total	29
SUMMER							
FG	Course No.	Course Title	Units				
	ENG.031	Engineering Economics	3				
	ENG.231	Occupational, Health & Safety Engineering	3				
	ENG.232	Numerical Methods	3				
		Total	9				
THIRD YEAR				Second Semester			
First Semester							
FG	Course No.	Course Title	Units	FG	Course No.	Course Title	Units
	CPE.311	Operating Systems	3		CPE.321	Software Design	6
	CPE.312	Logic Circuits and Design	6		CPE.322	Microprocessors	6
	CPE.313	Fundamentals of Mixed Signals & Sensors	6		ENG.321	Feedback & Control Systems	3
	CPE.314	Data & Digital Communications	3		ENG.322	Methods of Research	3
	ENG.311	Technopreneurship	3		CPE.323	Introduction to HDL	3
	CPE.315	Computer Network & Security	6		CPE.324	Embedded Systems	6
	CpECog1	Cognate Course 1 - Cybersecurity	3		CpECog2	Cognate Course 2 - Intro to Mobile Apps Development	3
					CONWOR	Contemporary World	3
		Total	30			Total	33
SUMMER							
FG	Course No.	Course Title	Units				
	CpECog3	Cognate Course 3 - Fundamentals of DBMS	3				
		Total	3				
FOURTH YEAR				Second Semester			
First Semester							
FG	Course No.	Course Title	Units	FG	Course No.	Course Title	Units
	CPE.411	CpE Practice and Design 1	3		CPE.421	CpE Practice and Design 2	3
	CPE.412	Digital Signal Processing	6		CPE.422	Emerging Technologies in CpE	3
	CPE.413	Computer Organization and Architecture	6		CPE.423	CpE Laws & Professional Practice	3
	CPE.414	Emerging Technologies in CpE	3		ENG.421	Field Placement and Report (Immersion and OJT 300 hours)	3
	ETHICS	Ethics	3				
		Total	21			Total	12