

PHILIPPINE CHRISTIAN UNIVERSITY
College of Engineering and Information Technology

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
Curriculum
FIRST YEAR

	First Semester			Second Semester		
RELS1001	Christian Formation	3		RELS1002	Christian Ethics	3
	Living in the IT Era	3			Environmental Science	3
GNED1001	Mathematics in the Modern World	3		GNED1002	Understanding the Self	3
ENGG1101	Engineering Calculus 1	3		ENGG1201	Engineering Calculus 2	3
CMPE1102	Programming Logic and Design	3		PHYS1201	Physics for Engineers	4
CHEM1101	Chemistry for Engineers	4		CMPE1201	Computer Aided Drafting	1
CMPE1101	Computer Engineering as a Discipline	1		CMPE1202	Object Oriented Programming	3
CWTS1001	Civic Welfare Training Service 1	3		CWTS1002	Civic Welfare Training Service 2	3
PHED1001	Physical Education 1	2		PHED1002	Physical Education 2	2
	TOTAL	25				25

SECOND YEAR

	First Semester			Second Semester		
LITR1001	Philippine Popular Culture	3		GNED1005	Readings in Philippine History	3
GNED1003	The Contemporary World	3		GNED1006	Purposive Communication	3
GNED1004	Science, Technology and Society	3		GNED1007	Art Appreciation	3
GNED1009	Life and Works of Rizal	3		GNED1008	Ethics	3
ENGG2101	Differential Equations	3		ENGG2201	Engineering Data Analysis	3
CMPE2101	Fundamentals of Electric Circuits	4		CMPE2201	Fundamentals of Electronic Circuits	4
CMPE2102	Discrete Mathematics	3		CMPE2202	Numerical Methods	3
CMPE2103	Data Structures and Algorithms	3		CMPE2203	Technopreneurship 101	3
PHED1003	Physical Education 3	2		PHED1004	Physical Education 4	2
	TOTAL	27				27

THIRD YEAR

	First Semester			Second Semester	
CMPE3101	Fundamentals of Mixed Signals and Sensors	3		CMPE3201 Computer Networks and Security	4
CMPE3102	Logic Circuits and Design	4		CMPE3202 Microprocessors	4
CMPE3103	Data and Digital Communications	3		CMPE3203 Feedback and Control Systems	3
CMPE3104	Operating Systems	3		CMPE3204 Methods of Research	3
CMPE3105	Software Design	4		CMPE3205 Basic Occupational Health and Safety	3
CMPE3106	Computer Engineering Drafting and Design	1		ENGG3201 Engineering Economy	3
CMPE3107	Introduction to HDL	1			Elective (Track Course) 2 3
	Elective (Track Course) 1	3			23
	TOTAL	22			

FOURTH YEAR

	First Semester			Second Semester	
CMPE4101	Digital Signal Processing	4		CMPE4201 Emerging Technologies in Computer Engineering	3
CMPE4102	Computer Architecture and Organization	4		CMPE4202 On the Job Training	3
CMPE4103	Embedded Systems	4		CMPE4203 Seminars and Field Trips	1