



Republic of the
Philippines
**UNIVERSITY
OF RIZAL
SYSTEM**
Morong, Rizal

Remove Watermark Wondershare



PDFelement

COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Offerings Approval as per (former RPC) BOT Resolution No. 10-22-2000 Program Level II
Re-accredited by AACUP (September 16, 2018)

Revised Curriculum as per BOR Resolution No. 04, series of 2020

CHED Certificate of Program Compliance No. 192, series of 2020, issued on March 15, 2021

NAME:BUENAVENTURA, ROJHON B.

ADDRESS:074 ESPIRITU ST. CANIOGAN MORONG RIZAL

STUDENT NO: 1011901078

COURSE: BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

ENTRANCE DATA: AUGUST 2019

SCHOOL: MORONG NATIONAL SENIOR HIGHSCHOOL

DATE LAST ATTENDED:APRIL 2019

DATE OF ADMISSION: JUNE 2017

FIRST YEAR - 1ST SEMESTER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
CpE 1	Programming Logic and Design	0	6	2		1.9
CpE 111	Computer Engineering as a Discipline	1	0	1		1.2
Engg Chem	Chemistry for Engineers	3	3	4		2.5
Math 1	Mathematics for the Modern World	3	0	3		1.7
Math 2E	Calculus 1 (Differential Calculus)	3	0	3		2.7
STS	Science, Technology and Society	3	0	3		2.2
PE 1	Physical Fitness	2	0	2		1.6
NSTP 1	National Service Training Program 1	3	0	(3)		1.4
Total		18	9	18		2.14

FIRST YEAR - 2ND SEMESTER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
CpE 2	Object Oriented Programming	0	6	2	CpE 1	1.5
CpE Math 1	Discrete Mathematics	3	0	3	Math 2E	2.5
Math 3E	Calculus 2(Integral Calculus)	3	0	3	Math 2E	2.8
Math 4E	Engineering Data Analysis	3	0	3	Math 2E	2.6
Phys 1E	Physics for Engineers	3	3	4	Math 2E	2.3
PE 2	Rhythmic Activities	2	0	2	PE 1	1.4
NSTP 2	National Service Training Program 2	3	0	(3)	NSTP 1	1.4
Total		17	9	17		2.276

BOR APPROVED RETENTION POLICY FOR THE ENGINEERING PROGRAMS OF THE UNIVERSITY

Student will be retained in his/her engineering course provided that he/she passes the qualifying exam given by the College of Engineering upon completion of the first year level. (BOR Resolution No. *SUBJECT FOR APPROVAL*)

SECOND YEAR - 1ST SEMESTER					
Code	DESCRIPTION	NO. OF HOURS	UNITS	PRE-REQUISITES	RATING

		LEC	LAB			
CpE 3	Database System	0	6	2	CpE 2	1.9
CpE 4	Data Structures and Algorithm	0	6	2	CpE 2	2.2
EE 3	Fundamentals of Electrical Circuits	3	3	4	Phys 1E	1.9
Eng	Purposive Communication	3	0	3		1.3
ES 10	Engineering Economics	3	0	3	2nd Year Standing	1.8
Math 5E	Differential Equation	3	0	3	Math 3E	1.7
Fil 1	Pag- aaral ng Diskurso sa Filipino	3	0	3		1.6
PE 3	Individual /Dual Sports	2	0	2	PE 2	1.5
Total		17	15	22		1.727

SECOND YEAR - 2ND SEMESTER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
CAD	Computer Aided Drafting	0	3	1	2nd Year Standing	1.3
CpE 5	Web Application Development	0	6	2	CpE 3	1.7
CpE 6	Software Design	3	3	4	CpE 3, CpE 4	1.5
CpE 7	Computer Hardware Fundamentals	0	6	2		1.6
CpE Math 2	Numerical Methods	3	0	3	Math 5E	1.7
ECE 1	Fundamentals of Electronics Circuits	3	3	4	EE 3	1.8
Fil 2	Perspektibong Historical ng Panitikan sa Pilipinas	3	0	3	Fil 1	2.1
PE 4	Team Sports	2	0	2	PE 3	1.3
Total		14	21	21		1.671

THIRD YEAR - 1ST SEMESTER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
CpE 8	Logic Circuits and Design	3	3	4	ECE 1	1.9
CpE 9	Operating System	3	0	3	CpE 4	1.6
CpE 10	Data and Digital Communications	3	0	3	ECE 1	1.7
CpE 11	Introduction to HDL	0	3	1	CpE 1, ECE 1	1.4
CpE 12	Feedback and Control System	3	0	3	EE 3 , CpE Math 2	1.5
CpE 13	Fundamentals of Mixed Signals and Sensors	3	0	3	ECE 1	1.3
CpE CAD	Computer Engineering Drafting and Design	0	3	1	ECE 1	1.5
Hist	Readings in Philippine History	3	0	3		1.7
Self	Understanding the Self	3	0	3		1.9
Total		21	9	24		

THIRD YEAR - 2ND SEMESTER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
BOHS	Basic Occupational Health and Safety	3	0	3	3rd Year Standing	
CpE 14	Computer Networks and Security	3	3	4	CpE 10	
CpE 15	Microprocessors	3	3	4	CpE 8	
CpE EL 1	Elective Course 1 (Artificial Intelligence)	2	3	3	3rd Year Standing	
CpE RES	Methods of Research	2	0	2	Math 4E, Eng,CpE 8	
Hum	Art Appreciation	3	0	3		
Tech	Technoprenuership	3	0	3	3rd Year Standing	
Total		19	9	22		

THIRD YEAR - SUMMER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
SIT 1E	SUPERVISED INDUSTRIAL TRAINING/OJT	3	240	3	3rd Year Regular Standing and completed Work Attitude Seminar	
Total				3		

FOURTH YEAR - FIRST SEMESTER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
CpE 16	Embedded System	3	3	4	CpE 15	
CpE 17	Digital Signal Processing	3	3	4	CpE 12	
CpE 18	Computer Architechture and Organization	3	3	4	CpE 15	
CpE 19	Emerging Technologies in CPE	3	0	3	4th Year Standing	
CpE DES 1	CPE Practice and Design 1	0	3	1	CpE 15, CpE RES	
CpE EL 2	Elective Course 2 (Robotics Technology)	2	3	3	CpE EL 1	
Ethics	Ethics	3	0	3		
Total		17	15	22		

FOURTH YEAR - SECOND SEMESTER						
Code	DESCRIPTION	NO. OF HOURS		UNITS	PRE-REQUISITES	RATING
		LEC	LAB			
CpE 20	Seminars and Field Trip	0	3	1	4th Year Standing	
CpE 21	CpE Laws and Professional Practice	2	0	2	4th Year Standing	
CpE DES 2	CpE Practice and Design 2	0	6	2	CpE DES 1	
CpE EL 3	Elective Course 3 (Instrumentation and Control)	2	3	3	CpE EL 2	
CW	Contemporary World	3	0	3		
Lit	Introduction to Literature and its Philisophy	3	0	3		
Rizal	Life and Works of Rizal	3	0	3		

	Total	13	12	17		
--	-------	----	----	----	--	--

Grand Total 166

TRACK ELECTIVE COURSES:	Lec	Hrs	Lab	Hrs	Units	Pre-requisite	Track 1: EmbeddedSystems
	Artificial Intellegemce	2	3	3			
	Robotics Technology	2	3	3			
	Instrumentation & Control	2	3	3			
Track 2: Microelectronics	IC Fabrication	2	3	3			
	Microelectronics	2	3	3			
	Test and Quality Assurance	2	3	3			
Track 3: Software Development	Mobile Application Development	2	3	3			
	Software Engineering	2	3	3			
	Management and Information System	2	3	3			
Track 4: System and Network Administration	System and Network Administration	2	3	3			
	Advance Computer Network Architechture and Design	2	3	3			
	Database Management System	2	3	3			
Track 5 : Technoprenuership	Technoprenuership for CpE	2	3	3			
	Project Management	2	3	3			
	Business Intellegence	2	3	3			