Colegio de San Juan de Letran Calamba Brgy. Bucal, City of Calamba, Laguna

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Curriculum Year 2023-2024

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CpE151LLogic Circuits and Design Lab131CpE1053, CpE051L, oo-req CpE153CpE153Logic Circuits and Design33CpE1053, CpE051L, oo-req CpE151LCpE161B-LComputer Engineering Drafting and Design Lab131CpE003, CpE051L, oo-req CpE151LCpE203BOperating Systems3131CpE003, CpE051LCpE213BData and Digital Communications33CpE003, CpE051LCpE321LIntroduction to HDL Lab131CpE003, CpE051LENG6223Fundamentals of Mixed Signals and Sensors33CpE033, CpE051LGEC063Purposive Communication33CpE053, CpE051LGEC0E1CLiving in the IT Era33CpE053, CpE051LRELED073Contemporary Isues About Church and Human Society with Immersion33RELED053	HIRD YEAR. First Sem							
CpE153Logic Circuits and Design33CpE1053, CpE051L, oo-req CpE151LCpE161B+LComputer Engineering Drafting and Design Lab131CpE003, CpE051L, oo-req CpE151LCpE203BOperating Systems33CpE072LCpE213BData and Digital Communications33CpE003, CpE051LCpE321LIntroduction to HDL Lab131CpE033, CpE051LENG223Feedback and Control Systems33CpE033, CpE051LENG6223Fundamentals of Mixed Signals and Sensors33CpE053, CpE051LGEC063Purposive Communication33CpE053, CpE051LGECELEC1Living in the IT Era33RELED073RELED073Contemporary Isues About Church and Human Society with Immersion33RELED053					1	3	1	CpE053, CpE051L, co-reg CpE153
CpE161B-LComputer Engineering Drafting and Design Lab131CpE053, CpE051LCpE203BOperating Systems33CpE072LCpE213BData and Digital Communications33CpE053, CpE051LCpE321LIntroduction to HDL Lab131CpE033, CpE051LEN233Feedback and Control Systems33CpE033, CpE031L, MATH303, MATH301L-23ENG6223Fundamentals of Mixed Signals and Sensors33CpE053, CpE051LGEC063Purposive Communication33Getos, CpE051LGECELEC1Living in the IT Era33RELED073RELED073Contemporary Isues About Church and Human Society with Immersion33RELED053				3	•	0		
CpE203BOperating Systems33CpE072LCpE213BData and Digital Communications33CpE053, CpE051LCpE321LIntroduction to HDL Lab131CpE012L, CpE053, CpE051LEN233Feedback and Control Systems33CpE033, CpE031L, MATH303, MATH301L-23ENG6223Fundamentals of Mixed Signals and Sensors33CpE053, CpE051LGEC063Purposive Communication33CpE053, CpE051LGEC1EC1Living in the IT Era33CpE053RELED073Contemporary Isues About Church and Human Society with Immersion33RELED053		•		2	1	3		
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CpE321L Introduction to HDL Lab 1 3 1 CpE012L, CpE053, CpE051L EN233 Feedback and Control Systems 3 3 CpE033, CpE031L, MATH303, MATH301L-23 ENG6223 Fundamentals of Mixed Signals and Sensors 3 3 CpE053, CpE051L GEC063 Purposive Communication 3 3 CpE053, CpE051L GEC0E12 Living in the IT Era 3 3 RELED073 RELED073 Contemporary Isues About Church and Human Society with Immersion 3 3 RELED053								
EN233 Feedback and Control Systems 3 3 CpE033, CpE031L, MATH303, MATH301L-23 ENG6223 Fundamentals of Mixed Signals and Sensors 3 3 CpE033, CpE051L GEC063 Purposive Communication 3 3 CpE033, CpE051L GECELEC1 Living in the IT Era 3 3 RELED073 RELED073 Contemporary Isues About Church and Human Society with Immersion 3 3 RELED053		-		5	1	3		
ENGG223 Fundamentals of Mixed Signals and Sensors 3 3 CpE053, CpE051L GEC063 Purposive Communication 3 3 GECELEC1 Living in the IT Era 3 3 RELED073 Contemporary Isues About Church and Human Society with Immersion 3 3				3	1	5		
GEC063 Purposive Communication 3 3 GECELEC1 Living in the IT Era 3 3 RELED073 Contemporary Isues About Church and Human Society with Immersion 3 3		-						
GECELEC1 Living in the IT Era 3 3 RELED073 Contemporary Isues About Church and Human Society with Immersion 3 3 RELED053		-						0p2000, 0p20012
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Total 24 3 9 27	RELED073			3			3	RELED053
			Total	24	3	9	27	

Colegio de San Juan de Letran Calamba Brgy. Bucal, City of Calamba, Laguna

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Curriculum Year 2023-2024

COURSE CODE	COURSE TITLE		Lec Units/Hrs	Lab Units	Hrs	TOTAL	- PRE-REQUISITES/ CO-REQUISITES
THIRD YEAR, Second S	Semester						
CpE261B-L	Computer Networks and Security Lab			1	3	1	CpE213B, co-req CpE263B
CpE263B	Computer Networks and Security		3			3	CpE213B, co-req CpE261B-L
CpE331L	Embedded Systems Lab			1	3	1	EN233, co req CpE333
CpE333	Embedded Systems		3			3	EN233, co req CpE331L
CpE342	CpE Laws and Professional Practice		2			2	
CpElec-1	Cognate / Elective Course 1		3			3	CpE123C, CpE121C-L
EN251L	Microprocessors Lab			1	3	1	CpE153,CpE151L, CpE321L, co-req EN253, EN263
EN253	Microprocessors		3			3	CpE153,CpE151L, CpE321L, co-req EN251L, EN263
EN263	Methods of Research		3			3	CpE153,CpE151L, co-req EN253, EN251L
ENGG183	Basic Occupational Health and Safety		3			3	
GECELEC2	The Entrepreneurial Mind		3			3	
		Total	23	3	9	26	
THIRD YEAR, Inter-Ser	nester						
CpElec-2	Cognate / Elective Course 2		3			3	CpElec-1
CpE-PD1-L	CpE Practice and Design 1			1	3	1	EN263
		Total	3	1	3	4	
FOURTH YEAR, First S	emester		-	-	-		
CpE181A-L	Computer Architecture and Organization Lab			1	3	1	EN253, EN251L, co-req CpE183A
CpE183A	Computer Architecture and Organization		3			3	EN253, EN251L, co-req CpE181A-L
CpE251B-L	Digital Signal Processing Lab			1	3	1	EN233, co-req CpE253B
CpE253B	Digital Signal Processing		3			3	EN233, co-req CpE251B-L
CpE271B-L	Seminars and Fieldtrips Lab			1	3	1	CpE342
 CpE353	Emerging Technologies in CpE		3			3	CpE342
CpElec-3	Cognate / Elective Course 3		3			3	CpElec-2
CpE-PD2-L	CpE Practice and Design 2			2	6	2	CpE-PD1-L
ENGG193	Technopreneurship		3			3	
GEC053	Art Appreciation		3			3	
GECELEC3	Philippine Popular Culture		3			3	
		Total	21	5	15	26	
FOURTH YEAR, Secon	d Semester						
CpE-PRC5	Practicum (500 hrs)*		5			5	CpE253B, CpE251B-L, CpE-PD2-L
		Total	5	0	0	5	
	GRAND TOTAL		169	25	75	194	

*Practicum - No simultaneous enrollment is allowed.

jrd/03062023

Reviewed and Noted by:

ENGR. CHRISTOPHER V. GONZALES, PCpE

CpE Chair/Acting Dean