



DE LA SALLE LIPA

LIPA CITY 4217 BATANGAS PHILIPPINES

BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING

Effective School Year 2012-2013

FIRST YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Code	Grade	Description	Prereq	Units	Hours		Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab						Lec	Lab
Algebra		College Algebra	None	3	3	0	AdvalEng		Advanced Algebra for Engineering	Algebra	3	3	0
Plastri		Plane and Spherical Trigonometry for Engineering	None	3	3	0	Solidme		Solid Mensuration	Algebra / Plastri	3	3	0
Chmstry		General Chemistry	None	4	3	3	Angeome		Analytic Geometry	Algebra / Plastri	3	3	0
Engdrw1		Engineering Drawing 1	None	1	0	3	Engdrw2		Engineering Drawing 2	Engdrw1	1	0	3
Comski1		Reading, Thinking and Study Skills	Passed EDT	3	3	0	Genphil		General Philosophy	None	3	3	0
Komakad		Komunikasyon sa Akademikong Filipino	None	3	3	0	Phillit		Philippine Literature	None	3	3	0
Kasapil		Kasaysayan ng Pilipinas	None	3	3	0	Comski2		Writing and Grammar Skills	Comski1	3	3	0
Physed1		Physical Fitness	None	2	2	0	Pagbasa		Pagbasa at Pagsulat Tungo sa Pananaliksik	Komakad	3	3	0
Nstpone		National Service Training Program 1	None	3	3	0	Physed2		Fundamentals of Rhythmic Activities	Physed1	2	2	0
Reled11		God's Revelation and Christian Faith	None	3	3	0	Nstptwo		National Service Training Program 2	NSTPone	3	3	0
							Reled12		Christology and Discipleship	Reled11	3	3	0
		TOTAL UNITS		28	26	6			TOTAL UNITS		30	29	3

SECOND YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Code	Grade	Description	Prereq	Units	Hours		Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab						Lec	Lab
Diffcal		Differential Calculus	AdvalEng/Solidme/Angeome	5	5	0	Intecal		Integral Calculus	Diffcal	5	5	0
Dismath		Discrete Mathematics	Algebra	3	3	0	Environ		Environmental Engineering	Chmstry	2	2	0
Engphy1		Engineering Physics 1	Algebra / Plastri	5	4	3	Compro2**		Computer Programming 2	Compro1**	1	0	3
Compro1**		Computer Fundamentals and Programming 1	None	1	0	3	Engphy2		Engineering Physics 2	Engphy1	5	4	3
Genpsyc		General Psychology	None	3	3	0	Wordlit		World Literature	None	3	3	0
Techcom		Technical Communication	Comski2	3	3	0	Rizcour		Rizal's Life, Works, & Writings	None	3	3	0
Poligov		Politics and Governance with Philippine Constitution	Kasapil	3	3	0	Econtax		Economics with Taxation and Land Reform	None	3	3	0
Reled21		Church, Sacraments, and Family	Reled11	3	3	0	Reled22		Christian Morality	Reled11	3	3	0
Physed3b		Individual and Dual Sports	Physed2	2	2	0	Physed4		Team Sports	Physed3	2	2	0
							Masipag		Masining na Pagpapahayag	Pagbasa	3	3	0
		TOTAL UNITS		28	26	6			TOTAL UNITS		30	28	6

SUMMER						
Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab
ECEWork		ECE Workshop	Engphy2	2	0	6
		TOTAL UNITS		2	0	6

THIRD YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Code	Grade	Description	Prereq	Units	Hours		Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab						Lec	Lab
ECElex1		Electronic Devices & Circuits	ECEWork / Intecal	5	3	6	ECElex2		Electronic Circuit Analysis & Design	ECElex1	5	3	6
Ckts001		Electrical Circuits I	ECEWork; Coreq: Difequa	4	3	3	Ckts002		Electrical Circuits II	Ckts001	4	3	3
Difequa		Differential Equations	Intecal	3	3	0	MathECE		Advanced Engineering Mathematics for ECE	Difequa	4	4	0
Vectors		Vector Analysis	Intecal	3	3	0	EmagECE		Electromagnetics	Engphy2/Vectors	4	4	0
Engdrw3		Autocad 1/Computer Aided Drafting	Engdrw2	1	0	3	Dynarib		Dynamics of Rigid Bodies	Statics	3	3	0
Statics		Statics of Rigid Bodies	Engphy1 / Intecal	3	3	0	Thermdy		Basic Thermodynamics	Engphy2/Intecal	3	3	0
Engprob		Engineering Probability & Statistics	Algebra	3	3	0	Comm001		Principles of Communications	Co-req: ECElex2/ MathECE	4	3	3
Matscie		Fundamentals of Material Science & Engineering	Chmstry, Engphy2	3	3	0							
		TOTAL UNITS		25	21	12			TOTAL UNITS		27	23	12

SUMMER						
Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab
Comm002		Digital Communications	Comm001	4	3	3
		TOTAL UNITS		4	3	3

FOURTH YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Code	Grade	Description	Prereq	Units	Hours		Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab						Lec	Lab
Comm003		Transmission Media and Antenna Systems	Comm002 / EmagECE	4	3	3	Inelect		Industrial Electronics	ECElex2	4	3	3
Enercon**		Energy Conversion	Ckts002/EmagECE	4	3	3	Engecon		Engineering Economy	AdvalEng	3	3	0
NumMeth		Numerical Methods	Compro2 / MathECE	4	3	3	Feedcon		Feedback and Control Systems	MathECE / Ckts002	4	3	3
Sigspec		Signals, Spectra, Signal Processing	Engprob / MathECE	5	4	3	Microsy		Microprocessor Systems	Logswit/Compro2**	4	3	3
Safeman		Safety Management	ECEWork	2	2	0	Datcomm		Data Communications	Comm002	4	3	3
Logswit		Logic Circuits and Switching Theory	ECElex2	4	3	3	Deforma		Mechanics of Deformable Bodies	Statics	3	3	0
							ECElec1		ECE Elective 1	See Elective Tracks	3		
		TOTAL UNITS		23	18	15			TOTAL UNITS		25	18	12

SUMMER						
Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab
Intrain**		Internship Training (300 hrs)	Comm003/Inelec/ Feedcon/Logswit/ Datcomm	6	300 hrs	
		TOTAL UNITS		6		

FIFTH YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Code	Grade	Description	Prereq	Units	Hours		Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab						Lec	Lab
Ecfsem		Field Trips & Seminars	Comm003/Inelec/ Feedcon/Logswit/ Datcomm	2	0	6	ECElec4		ECE Elective 4	See Elective Tracks	3		
Ecconet		ECE Laws, Contracts & Ethics	Comm003/Inelec/ Feedcon/Logswit/ Datcomm	3	3	0	ECErevU		ECE Review	Ecconet/Deforma/ Environ/Engecon/ Thermdy/Dynarib/En ercon/Sigspec/ Microsy	3	0	9
ECElec2		ECE Elective 2	See Elective Tracks	3									
ECEPro1		ECE Project Study 1	Comm003/Inelec/ Feedcon/Logswit/ Techcom/Datcomm	1	0	3							
ECElec3		ECE Elective 3	See Elective Tracks	3			ECEPro2		ECE Project Study 2	ECEpro1	1	0	3
Engiman		Engineering Management	Safeman	3	3	0							
		TOTAL UNITS		15	6	9			TOTAL UNITS		7	0	12

Note: *Engplus will be taken by those students who failed in the English Diagnostic Test.

ELECTIVE TRACKS:

COMMUNICATIONS TRACK

MICROELECTRONICS TRACK

Code	Grade	Description	Prereq	Units	Hours		Code	Grade	Description	Prereq	Units	Hours	
					Lec	Lab						Lec	Lab
ECElec1		Wireless Communications	Comm003	3	3	0	ECElec1		Introduction to Digital VLSI Design	Logswit	3	2	3
ECElec2		Electronic Navigational Aids	Comm003	3	3	0	ECElec2		Introduction to Analog Integrated Circuits Design	ECElec1	3	2	3
ECElec3		Broadcast Engineering	Comm003	3	2	3	ECElec3		Advanced Statistics	Engprob; Coreq: ECElec2	3	3	0
ECElec4		Communications System Design	ECElec1	3	2	3	ECElec4		IC Packaging and Failure Analysis	ECElec3	3	3	0

Prepared:

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