University of St. La Salle
BACOLOD

ELECTRICAL ENGINEERING

CURRICULUM MAP

OUTCOMES BASED (OBE) SYSTEM

ELECTRICAL ENGINEERING

CURRICULUM MAP | OUTCOMES BASED (OBE) SYSTEM

Code	Mathematics	Units	a	b	c	d	e	f	g	h	i	j	k	l
M-01	Algebra and Trigonometry	3	I											
M-02	Calculus I (Differential Calculus)	4	I											
M-03	Calculus II (Integral Calculus)	4	I											
M-04	Differential Equations	3	I											
M-05	Engineering Data Analysis	3	I											
Total		17												

Code	Natural/Physical Sciences	Units	a	b	c	d	e	f	g	h	i	j	k	l
S-01	Chemistry for Engineers	4	I											
S-02	Physics for Engineers	4	I											
S-03	Physics for Engineers Lab	1	I											
Total		10												

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M-XX	Mathematics
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E-XX	Engineering Science
A-XX	Allied
Code	Descriptor
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E	Enabling Course
D	Demonstrative Course
Code	Definition
I	An introductory course to an outcome
E	A course that strengthens the outcome
D	A course demonstrating an outcome

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Code	Allied Courses	Units	a	b	c	d	e	f	g	h	i	j	k	l
A-01	Fundamental of Deformable Bodies	2	I											
A-02	Material Science and Engineering	2						E	I	E		I		
A-03	Electronic Circuits, Devices, & Analysis	2		E			E		I					
A-04	Electronic Circuits, Devices, & Analytics Lab	1		E			E		I					
A-05	Fluid Thermodynamics	2	I											
A-06	Industrial Electronics	2		E			E		I					
A-07	Industrial Electronics Lab	1		E			E		I					
A-08	Electromagnetics	3	I				I		I					
A-09	Fluid Mechanics	3	I											
A-10	Fundamentals of Electronic Communication	2							E					
A-11	Logic Circuits & Switching Theory	3			I		I		I					
A-12	Logic Circuits & Switching Theory Lab	1			I		I		I					

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A-13	Microprocessor Systems	2			I	I			I					
A-14	Computer Programming	2											K	
A-15	Basic Occupational Safety and Health	3			I			E		E				
A-16	Environmental Science and Engg with GS	3						E	I	E				
		34												

Code	Professional Studies	Units	a	b	c	d	e	f	g	h	i	j	k	l
P-01	Numerical Methods	3	D				E		I				E	
P-02	Numerical Methods Lab	1	D				E		I				E	
P-03	EE Laws, Codes, Professional Ethics	3						D	E	E				
P-04	Electrical Standards & Practices	1			E			D	E		E			
P-05	Electrical Circuits 1	4		E			E		E					
P-06	Electrical Circuits 1 Lab	1		E			E		E					
P-07	Electrical Circuits 2	4		E			E		E					
P-08	Electrical Circuits Lab 2	1		E			E		E					

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P-09	Electrical Apparatus & Devices	2		E			E		E					
P-10	Electrical Apparatus & Devices Lab	1		E			E		E					
P-11	Electrical Machines 1	3					E		E					
P-12	Electrical Machines 1 Lab	2					E		E					
P-13	Electrical Machines 2	3		E			E		E					
P-14	Electrical Machines 2 Lab	1		E			E		E					
P-15	Engineering Math for EE	3	D				E						I	
P-16	Electrical Systems Design	3		D	I	D	E	D			E			
P-17	Electrical Systems Design Lab	1		D	I	D	E	D			E			
P-18	Illumination Engineering Design	1		D	I	D	E	D			E			
P-19	Power Systems Analysis	3		E		D		D			E	D		
P-20	Power Systems Analysis Lab	1		E		D		D			E	D		
P-21	Funds of Power Plant Engg Design	1		E			E	E						
P-22	Dist Systems/Substation Design	3		D		E	I	E	E					
P-23	Dist Systems/Substation Design Lab	1		D		E	I	E	E					
P-24	Management of Engineering Projects	2				I		E	E					

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P-25	Research Methods for EE	1												
P-26	Research Project	1			D	E		D	D	D		E	E	
P-27	Instrumentation and Control	2		D					E					
P-28	Instrumentation and Control Lab	1		D					E					
P-29	Feedback & Control Systems	3	D				I		E					
P-30	Seminars/Colloquia	1							D	D	D	E		
P-31	OJT	2				D		D	D	D		E		E
P-32	Professional Elective 1	3					E	E	D	D	D	E	E	
P-33	Professional Elective 2	3					E	E	D	D	D	E	E	
P-34	EIA1E	1	D				D							
P-35	EIA2E	1	D				D							
P-36	EIA3E	1	D				D							
P-37	EIA4E	1	D				D							
		65												

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G-01	Science, Technology, and Society	3							I	I		I		
G-02	The Contemporary World	3							I	I				
G-03	Readings in Philippine History	3							I					
G-04	Understanding the Self	3				I		I	E					
G-05	Art Appreciation	3							I					
G-06	Purposive Communication	3							D					
G-07	Mathematics in the Modern World	3	I							I				
G-08	Ethics	3				I		E	I					
G-09	GEC Elective 1 (LITE)	3							E					
G-10	GEC Elective 2 (Great Books)	3							E					
G-11	GEC Elective 2 (GENSOC)	3							E					
G-12	Life. Works of Jose Rizal	3							E					
G-13	P.E. 1	2												
G-14	P.E. 2	2												

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G-01	P.E. 3	2												
G-02	P.E. 4	2												
G-03	NSTP 1	3												
G-04	NSTP 2	3												
		50												

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I-01	Lasallian Spirituality	3												
I-02	Christian Morality	3												
I-03	Spirituality in the Workplace	3												
I-04	Group Guidance 1	1.5												
I-05	Public Speaking	3												
I-06	Logic	3												
		16.5												

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