Bachelor of Science in Electrical Engineering 2018 Bridging Curriculum

Reference: CMO No.88 series of 2017

	FIRST YEAR -	First S	Semest	er			
Course	Descriptive Title	Hour/s		Credit		Ι	
Code		Lec	Lab	Unit/s	Pre-Requisite	Co-Requisite	
BRG 1E	General Chemistry	3	3	4			
BRG 2E	Introduction to Calculus	4	3	5			
GEC 1	Understanding the Self	3	0	3			
GEC 1	Mathematics in the Modern World	3	0	3			
GEC 4 GEC 7	Science, Technology and Society	3	0	3			
GEC / GEM	The Life and Works of Rizal	3	0	3			
PEEC 111		3	-	1			
_	Electrical Engineering Orientation	1	0				
PEN 1	Fitness and Recreational Outdoor Activities	2	0	2			
NSTP 1	National Service Training Program (CWTS/LTS/ROTC) I	3	0	3			
	Subtotal	25	6	27			
	FIRST YEAR - S Descriptive Title						
Course			ur/s	Credit	Pre-Requisite	Co-Requisite	
Code	·	Lec	Lab	Unit/s	•	'	
BRG 3E	General Physics	5	3	6			
ECN 1A	Computer Fundamentals and Programming	0	3	1			
FILN 1	Kontekstwalisadong Komunikasyon sa Filipino	3	0	3			
GEC 2	Readings in the Philippine History	3	0	3			
GEC 3	The Contemporary World	3	0	3			
GEC 5	Purposive Communication	3	0	3			
MTN 4	Calculus I	3	0	3	BRG 2E		
PEN 2	Philippine Folkdances	2	0	2	PEN 1		
NSTP 2	National Service Training Program (CWTS/LTS/ROTC) II	3	0	3	NSTP 1		
	Subtotal	25	6	27			
	FIRST YEA		Year				
Course			ur/s	Credit		1	
Code	Descriptive Title	Lec	Lab	Unit/s	Pre-Requisite	Co-Requisite	
MTN 5	Calculus II	3	0	3	MTN 4		
PHYS 1D	Physics for Engineers	3	3	4	BRG 3E, MTN 4	MTN 5	
11113 10	Subtotal	6	3	7	BNG 3E, WITH 4	WITH 5	
	SECOND YEAR			_			
Course	SECOND TEAM		ur/s	Credit			
Code	Descriptive Title	_	Lab	Unit/s	Pre-Requisite	Co-Requisite	
CHEM 1A	Chamistry for Engineers	Lec			BRG 1E		
EDA 101	Chemistry for Engineers	3	3	3	MTN 4		
	Engineering Data Analysis	3	_ ·	-			
FILN 2	Sosyedad at Literatura/Panitikang Panlipunan (SOSLIT)	3	0	3	FILN 1		
GEC 8	Ethics	3	0	3	147117 7111/0 47		
MECH 1A	Engineering Mechanics	3	0	3	MTN 5, PHYS 1D		
MTN 6	Differential Equations	3	0	3	MTN 5		
PEEC 211A	Electrical Circuits I	4	3	5	MTN 5, PHYS 1D		
PEN 3	Individual and Dual Sports	2	0	2	PEN 1		
	Subtotal		6	26			
	SECOND YEAR -						
Course	Descriptive Title	Но	ur/s	Credit	Pre-Requisite	Co-Requisite	
Code	Descriptive ride	Lec	Lab	Unit/s	i ic-iveduisite	OO Requisite	
ACE 221A	Electronic Circuits: Devices and Analysis	4	3	5	PEEC 211A		
BES 02	Engineering Economics	3	0	3	EDA 101		
FILN 3	SineSosyedad/Pelikulang Panlipunan	3	0	3	FILN 1		
FME 211A	Basic Thermodynamics	2	0	2	CHEM 1A, PHYS 1D		
GEC 6	Art Appreciation	3	0	3			
MECH 3A	Mechanics of Deformable Bodies	3	0	3	MECH 1A		
PEEC 221C	Electrical Circuits II	4	3	5	PEEC 211A		
PEEC 222	Engineering Math for EE	3	0	3	MTN 6		
PEN 4	Team Sports	2	0	2	PEN 1		
	Subtotal				I LIV I		
_	auptotal		6	29		1	

Course Code ACE 211		AR - IVI	id Year	<u> </u>		
ACE 211	Descriptive Title	Hot	ur/s	Credit	Pre-Requisite	Co Boguisito
	Descriptive Title	Lec	Lab	Unit/s	Pre-Requisite	Co-Requisite
105.000	Advance Computer Programming for EE	0	3	1	ECN 1A	
ACE 222	Electromagnetics	3	0	3	PHYS 1D, MTN 6	
	Subtotal	3	3	4		
	THIRD YEAR -	First S	Semest	er		
Course	Descriptive Title	Hot	ur/s	Credit	Pre-Requisite	Co-Requisite
Code	Descriptive Title	Lec	Lab	Unit/s	Fre-Requisite	Co-Requisite
ACE 311	Logic Circuits and Switching Theory	2	3	3	ACE 221A	
ACE 312	Fundamentals of Electronic Communication	3	0	3	ACE 221A	
BES 01	Computer-Aided Drafting	0	3	1	3rd Year Standing	
PEEC 311A	Electrical Circuits III	3	3	4	PEEC 221C	
PEEC 312	Electrical Machines I	3	3	4	ACE 222, PEEC 221C	
PEEC 313	EE Law, Codes, and Professional Ethics	2	0	2	GEC 8	PEEC 311A
PEEC 314A	Feedback Control Systems	3	3	4	ACE 221A, PEEC 222	PEEC 311A
PEEC 315A	Numerical Methods and Analysis	3	3	4	ACE 211, PEEC 222	
	Subtotal	19	18	25		
	THIRD YEAR - S	Second	Seme	ster		
Course	Descriptive Title	Hot	ur/s	Credit	Pre-Requisite	Co-Requisite
Code	Descriptive ride	Lec	Lab	Unit/s	rie-nequisite	
ACE 321	Industrial Electronics	3	3	4	ACE 221A	
ACE 322	Microprocessor Systems	2	3	3	ACE 311	
ACE 323	Basic Occupational Safety and Health	3	0	3	PEEC 313	
FME 311A	Fluid Mechanics	2	0	2	MECH 1A	
GEE 13	Environmental Science and Engineering	2	0	2	CHEM 1A	
PEEC 321	Electrical Machines II	3	3	4	PEEC 311A, PEEC 312	
PEEC 322	Electrical Apparatus and Devices	2	3	3	PEEC 311A	PEEC 321
PEEC 323	Electrical Standards and Practices	0	3	1	BES 01, PEEC 313	PEEC 321
PEEC 324	Research Methods	1	3	2	GEC 5, EDA 101	PEEC 321
	Subtotal	18	18	24		
	THIRD YEA	R - Mic	l Year			
Course	Descriptive Title	Hou	ur/s	Credit	Pre-Requisite	Co-Requisite
Code	Descriptive Title	Lec	Lab	Unit/s	Fie-Nequisite	CO-Nequisite
	On-the-Job Training (280 hours)	3		•	4th Year Standing, PEEC 321,	
	On-the-300 Hairling (200 Hours)		()			
OJT-EE	,	3	0	3	PEEC 322	
OJI-EE	Subtotal	3	0 0	3 3	PEEC 322	
OJI-EE	Subtotal FOURTH YEAR	3	0	3	PEEC 322	
Course	FOURTH YEAR	3 - First	0	3		Co-Poquisito
		3 - First	0 Semes	3 ster	PEEC 322 Pre-Requisite	Co-Requisite
Course	FOURTH YEAR	3 - First Ho	0 Semes	3 Ster Credit		Co-Requisite
Course Code	FOURTH YEAR Descriptive Title	3 - First Hou	0 Semes ur/s Lab	3 Ster Credit Unit/s		Co-Requisite
Course Code GEE 7	Descriptive Title Gender and Society	3 - First Hou Lec	0 Semes ur/s Lab	3 Ster Credit Unit/s	Pre-Requisite	Co-Requisite PEEC 411
Course Code GEE 7 PEEC 411	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design	3 - First Hou Lec 3	0 Semes ur/s Lab 0	3 cter Credit Unit/s 3 5	Pre-Requisite PEEC 321, PEEC 322, PEEC 323	
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design	3 - First Hou Lec 3 3 3	0 Semes ur/s Lab 0 6	3 Ster Credit Unit/s 3 5 3	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322	
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I	3 - First Hot Lec 3 3 3	0 Semes ur/s Lab 0 6 0	3 Ster Credit Unit/s 3 5 3 1 3	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02	PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I	3 - First Hot Lec 3 3 3 3 3 0	0 Semes ur/s Lab 0 6 0	3 Ster Credit Unit/s 3 5 3 1	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324	PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control	3 - First Hot Lec 3 3 3 3 0 3 0 3 0 3 3	0 Semes ur/s Lab 0 6 0 0 3 0 6 3	3 ster Credit Unit/s 3 5 3 1 3 2 4	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324	PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal	3 - First Hotel	0 Semes ur/s Lab 0 6 0 0 3 0 6 3	3 Ster Credit Unit/s 3 5 3 1 3 4 24	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing	PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control	3 - First Hotel	0 Semes ur/s Lab 0 6 0 0 3 0 6 3	3 Ster Credit Unit/s 3 5 3 1 3 4 24	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing	PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR -	3 - First Hotel 3 3 3 3 0 3 0 3 18 Secon	0 Semes ur/s Lab 0 6 0 0 3 0 6 3	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A	PEEC 411 PEEC 411 PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title	3 - First Hotel	0 Semes ur/s Lab 0 6 0 0 3 0 6 3	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite	PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering	3 - First Hot Lec 3 3 3 0 3 0 3 18 Secon Hot Lec 3	0 Semes ur/s Lab 0 6 0 3 0 6 3 18 d Semes ur/s Lab 0	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A	PEEC 411 PEEC 411 PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101	3 - First Hot Lec 3 3 3 0 3 0 3 18 Secon Hot Lec 3 3 3	0 Semesur/s Lab 0 6 0 0 3 0 6 3 18 d Semesur/s Lab 0	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A	PEEC 411 PEEC 411 PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis	3 - First Hotel 3 3 3 3 0 3 0 3 18 Secon Hotel Lec 3 3 3 3	0 Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes ur/s Lab 0 0 3	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 4	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412	PEEC 411 PEEC 411 PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 421	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis Distribution Systems and Substation Design	3 - First Hot Lec 3 3 3 0 3 0 3 18 Secon Hot Lec 3 3 3	0 Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semo ur/s Lab 0 0 3 3 3	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 4 3	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412 PEEC 411, PEEC 412	PEEC 411 PEEC 411 PEEC 411 PEEC 411 Co-Requisite
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 422 PEEC 423	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis Distribution Systems and Substation Design Fundamentals of Power Plant Engineering Design	3 - First Hot Lec 3 3 3 0 3 0 3 18 Secon Hot Lec 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes ur/s Lab 0 0 3 3 3 3	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 2	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412 PEEC 411, PEEC 412 4th Year Standing	PEEC 411 PEEC 411 PEEC 411 PEEC 411
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 422 PEEC 423 PEEC 424	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR- Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis Distribution Systems and Substation Design Fundamentals of Power Plant Engineering Design Research Project or Capstone Design Project II	3 - First Hot Lec 3 3 3 0 3 0 3 18 Secon Hot Lec 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Semes ur/s Lab 0 6 0 3 0 6 3 18 d Semes ur/s Lab 0 0 3 3 3 3	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 2 1	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412 4th Year Standing PEEC 414	PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 421
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 422 PEEC 423 PEEC 424 PEEC 425	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis Distribution Systems and Substation Design Fundamentals of Power Plant Engineering Design Research Project or Capstone Design Project II EE Elective II	3 - First Hotel 3 3 3 3 0 3 0 3 18 Secon Hotel 4 1 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 Semesur/s Lab 0 6 0 0 3 18 d Semur/s Lab 0 0 3 3 3 3	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 2 1 3 3 4 3 2 1 3 3	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412 PEEC 411, PEEC 412 4th Year Standing PEEC 414 PEEC 414	PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 421 PEEC 421
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 422 PEEC 423 PEEC 424 PEEC 425 PEEC 426	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis Distribution Systems and Substation Design Fundamentals of Power Plant Engineering Design Research Project or Capstone Design Project II EE Elective II EE Course Audit with Comprehensive Examination	3 - First Hotel 3 3 3 3 0 3 0 3 18 Secon Hotel 4 2 1 0 3 0 0 3 0	0 Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes ur/s Lab 0 0 3 3 3 3 3 3 3 6 6	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 2 1 3 2 1 3 2	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412 PEEC 411, PEEC 412 4th Year Standing PEEC 414 PEEC 415 PEEC 416	PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 421 PEEC 421 PEEC 421
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 422 PEEC 423 PEEC 424 PEEC 426 PEEC 427	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis Distribution Systems and Substation Design Fundamentals of Power Plant Engineering Design Research Project or Capstone Design Project II EE Elective II EE Course Audit with Comprehensive Examination Electrical Equipment Operation and Maintenance	3 - First Hotel 3 3 3 3 0 3 0 3 18 Secon Hotel Lec 3 3 3 2 1 0 3 0 2	0 Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semo ur/s Lab 0 0 3 3 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 24 ester Credit Unit/s 3 4 3 2 1 3 2 1 3 2 2 2 2	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412 PEEC 411, PEEC 412 4th Year Standing PEEC 414 PEEC 415 PEEC 416 4th Year Standing	PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 421 PEEC 421 PEEC 421 PEEC 421
Course Code GEE 7 PEEC 411 PEEC 412 PEEC 413A PEEC 414 PEEC 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 422 PEEC 423 PEEC 424 PEEC 425 PEEC 426	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects Research Project or Capstone Design Project I EE Elective I Mathematics Course Audit with Comprehensive Examination Instrumentation and Control Subtotal FOURTH YEAR - Descriptive Title Materials Science and Engineering Technopreneurship 101 Power System Analysis Distribution Systems and Substation Design Fundamentals of Power Plant Engineering Design Research Project or Capstone Design Project II EE Elective II EE Course Audit with Comprehensive Examination	3 - First Hotel 3 3 3 3 0 3 0 3 18 Secon Hotel 4 2 1 0 3 0 0 3 0	0 Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes ur/s Lab 0 0 3 3 3 3 3 3 3 6 6	3 ster Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 2 1 3 2 1 3 2	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A Pre-Requisite CHEM 1A, MECH 3A PEEC 413A PEEC 411, PEEC 412 PEEC 411, PEEC 412 4th Year Standing PEEC 414 PEEC 415 PEEC 416	PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 411 PEEC 421 PEEC 421 PEEC 421

Total Units = 220

Prepared by: Noted by:

GILBERT D. DEBOMA, REE

MARLON JAMES A. DEDICATORIA, RMEE, PhD

Dean, College of Engineering

^{*}The nth Year Standing means that the student shall have completed atleast 75% of the load requirements of the previous year level *Pre-requisite subjects with a grade of INC must be completed first before taking the succeeding subject