Bachelor of Science in Electrical Engineering 2018 Regular Curriculum

Reference: CMO No.88 series of 2017

	FIRST YEAR -	First S	Semest	er		
Course		T T		Credit		
Code	Descriptive Title	Lec	Lab	Unit/s	Pre-Requisite	Co-Requisite
GEC 1	Understanding the Self	3	0	3		
GEC 4	Mathematics in the Modern World	3	0	3		
GEC 5	Purposive Communication	3	0	3		
GEC 7	Science, Technology and Society	3	0	3		
GEM	The Life and Works of Rizal	3	0	3		
MTN 4	Calculus I	3	0	3		
PEEC 111	Electrical Engineering Orientation	1	0	1		
PEN 1	Fitness and Recreational Outdoor Activities	2	0	2		
NSTP 1	National Service Training Program (CWTS/LTS/ROTC) I	3	0	3		
	Subtotal	24	0	24		
	FIRST YEAR - S		_			
Course	Descriptive Title	Hour/s		Credit		1
Code		Lec	Lab	Unit/s	Pre-Requisite	Co-Requisite
CHEM 1A	Chemistry for Engineers	3	3	4		
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		
MTN 5	Calculus II	3	0	3	MTN 4	
PHYS 1D	Physics for Engineers	3	3	4	MTN 4	MTN 5
PEN 2	Philippine Folkdances	2	0	2	PEN 1	WITH
NSTP 2	National Service Training Program (CWTS/LTS/ROTC) II	3	0	3	NSTP 1	
NOTE Z	Subtotal	23	9	26	NOTE I	
	SECOND YEAR		_			
Course	CEGORD TEAM		ur/s	Credit	Pre-Requisite	Co-Requisite
Course	Descriptive Title	Lec	Lab	Unit/s		
ACE 211	Advance Computer Programming for EE	0	3	1	ECN 1A	
EDA 101	Engineering Data Analysis	3	0	3	MTN 4	
FILN 2	Sosyedad at Literatura/Panitikang Panlipunan (SOSLIT)	3	0	3	FILN 1	
GEC 6	Art Appreciation	3	0	3		
GEC 8	Ethics	3	0	3		
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	-	MTN 5, PHYS 1D	
			J	5	ואוואט, דחוט וט	
IPEN 3	Individual and Dual Sports	2	0			
PEN 3	Individual and Dual Sports Subtotal	2		2 26	PEN 1	
PEN 3	Individual and Dual Sports Subtotal SECOND YEAR -	2 24	0 6	2 26		
Course	Subtotal SECOND YEAR -	2 24 Secon	0 6	2 26	PEN 1	Co De midello
	Subtotal	2 24 Secon	0 6 d Sem	2 26 ester		Co-Requisite
Course Code ACE 221A	Subtotal SECOND YEAR -	2 24 Secon	0 6 d Semu	2 26 ester Credit	PEN 1	Co-Requisite
Course Code	Subtotal SECOND YEAR - Descriptive Title	2 24 Secon Hot	0 6 d Semur/s	2 26 ester Credit Unit/s	PEN 1 Pre-Requisite	Co-Requisite
Course Code ACE 221A	Subtotal SECOND YEAR - Descriptive Title Electronic Circuits: Devices and Analysis	2 24 Secon Hou	0 6 d Semour/s Lab	2 26 ester Credit Unit/s	PEN 1 Pre-Requisite PEEC 211A	Co-Requisite
Course Code ACE 221A ACE 222	Subtotal SECOND YEAR - Descriptive Title Electronic Circuits: Devices and Analysis Electromagnetics	2 24 Secon Hor Lec 4 3	0 6 d Semour/s Lab 3	2 26 ester Credit Unit/s 5 3	PEN 1 Pre-Requisite PEEC 211A PHYS 1D, MTN 6	Co-Requisite
Course Code ACE 221A ACE 222 BES 02	Subtotal SECOND YEAR - Descriptive Title Electronic Circuits: Devices and Analysis Electromagnetics Engineering Economics	2 24 Secon Hot Lec 4 3 3	0 6 d Semour/s Lab 3 0	2 26 ester Credit Unit/s 5 3 3	PEN 1 Pre-Requisite PEEC 211A PHYS 1D, MTN 6 EDA 101	Co-Requisite
Course Code ACE 221A ACE 222 BES 02 FILN 3	Subtotal SECOND YEAR - Descriptive Title Electronic Circuits: Devices and Analysis Electromagnetics Engineering Economics SineSosyedad/Pelikulang Panlipunan	2 24 Secon Hot Lec 4 3 3 3 3	0 6 d Semur/s Lab 3 0 0	2 26 ester Credit Unit/s 5 3 3 3 3	PEN 1 Pre-Requisite PEEC 211A PHYS 1D, MTN 6 EDA 101 FILN 1	Co-Requisite
Course Code ACE 221A ACE 222 BES 02 FILN 3 FME 211A	Subtotal SECOND YEAR - Descriptive Title Electronic Circuits: Devices and Analysis Electromagnetics Engineering Economics SineSosyedad/Pelikulang Panlipunan Basic Thermodynamics	2 24 Secon Hot Lec 4 3 3 2	0 6 d Semur/s Lab 3 0 0	2 26 ester Credit Unit/s 5 3 3 3 2	PEN 1 Pre-Requisite PEEC 211A PHYS 1D, MTN 6 EDA 101 FILN 1 CHEM 1A, PHYS 1D	Co-Requisite
Course Code ACE 221A ACE 222 BES 02 FILN 3 FME 211A MECH 3A	Subtotal SECOND YEAR - Descriptive Title Electronic Circuits: Devices and Analysis Electromagnetics Engineering Economics SineSosyedad/Pelikulang Panlipunan Basic Thermodynamics Mechanics of Deformable Bodies	2 24 Second Hood Lec 4 3 3 3 2 2 3	0 6 dd Semur/s Lab 3 0 0 0	2 26 ester Credit Unit/s 5 3 3 3 2 3 3 3	PEN 1 Pre-Requisite PEEC 211A PHYS 1D, MTN 6 EDA 101 FILN 1 CHEM 1A, PHYS 1D MECH 1A	Co-Requisite
Course Code ACE 221A ACE 222 BES 02 FILN 3 FME 211A MECH 3A PEEC 221C	Subtotal SECOND YEAR - Descriptive Title Electronic Circuits: Devices and Analysis Electromagnetics Engineering Economics SineSosyedad/Pelikulang Panlipunan Basic Thermodynamics Mechanics of Deformable Bodies Electrical Circuits II	2 24 Secon Hoo Lec 4 3 3 3 2 3	0 6 d Semur/s Lab 3 0 0 0 0	2 26 ester Credit Unit/s 5 3 3 3 2 2 3 5	PEN 1 Pre-Requisite PEEC 211A PHYS 1D, MTN 6 EDA 101 FILN 1 CHEM 1A, PHYS 1D MECH 1A PEEC 211A	Co-Requisite

Course	THIRD YEAR - First Semester									
Code	Descriptive Title	Ho: Lec	ur/s Lab	Credit Unit/s	Pre-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					<u>l</u>				
Course			ur/s	Credit		l l				
Code	Descriptive Title	Lec	Lab	Unit/s	Pre-Requisite	Co-Requisite				
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 Machines in 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 323		1	3	2	GEC 5, EDA 101	PEEC 321				
PEEC 324	Research Methods Subtotal	18	18	24	GEC 5, EDA 101	PEEC 321				
				24						
	THIRD YEA									
Course Code	Descriptive Title	Lec	ur/s Lab	Credit Unit/s	Pre-Requisite	Co-Requisite				
OJT-EE	On-the-Job Training (280 hours)	3	0	3	4th Year Standing, PEEC 321, PEEC 322					
1					FEEU 322					
	Subtotal	3	0	3	PEEO 322					
	Subtotal	3	0 Semes	3	PEEC 322					
	FOURTH YEAR	- First	Semes	ster						
Course Code		- First	•		Pre-Requisite	Co-Requisite				
Course	FOURTH YEAR	- First	Semes ur/s	Ster Credit		Co-Requisite				
Course Code	FOURTH YEAR Descriptive Title	- First Hou	Semes ur/s Lab	Credit Unit/s		Co-Requisite				
Course Code GEE 7	FOURTH YEAR Descriptive Title Gender and Society	- First Hou Lec	Semes ur/s Lab	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	- First Hoo Lec 3	Semes ur/s Lab 0	Credit Unit/s	Pre-Requisite PEEC 321, PEEC 322, PEEC 323	·				
Course Code GEE 7 PEEC 411 PEEC 412	Descriptive Title Gender and Society Electrical Systems and Illumination Engineering Design Power Transmission Design Management of Engineering Projects	- First Hoo Lec 3 3 3	Semes ur/s Lab 0 6	Credit Unit/s	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322	·				
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	- First Hor Lec 3 3 3 3	Semesur/s Lab 0 6 0	Credit Unit/s 3 5 3	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02	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	- First Hot Lec 3 3 3 0	Semes ur/s Lab 0 6 0 0	Credit Unit/s 3 5 3 1 1	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324	PEEC 411 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	- First Hot Lec 3 3 3 0 3 0	Semes ur/s Lab 0 6 0 0 3 0 6	Credit Unit/s 3 5 3 3 1 3 2	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing	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	- First Hot Lec 3 3 3 0 3	Semes ur/s Lab 0 6 0 0 0	Credit Unit/s 3 5 3 1 1	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324	PEEC 411 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	- First Hot Lec 3 3 3 0 3 0 3 18	Semes ur/s Lab 0 6 0 0 3 0 6 3 18	Credit Unit/s 3 5 3 3 1 3 2 4 24 24	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing	PEEC 411 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 -	- First Hor Lec 3 3 3 0 3 0 3 18 Secon	Semes ur/s Lab 0 6 0 0 3 0 6 3 18	Credit Unit/s 3 5 3 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	PEEC 411 PEEC 411 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	- First Hor Lec 3 3 3 0 3 0 3 18 Secon	Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes ur/s	Credit Unit/s 3 5 3 3 1 3 2 4 24 24	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing	PEEC 411 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 - Descriptive Title	- First Hot Lec 3 3 3 0 3 0 3 18 Secon Hot	Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes	Credit Unit/s 3 5 3 1 3 2 4 24 ester Credit Unit/s	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 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 Materials Science and Engineering	- First Hotel 3 3 3 0 3 0 3 18 Secon Hotel Lec 3	Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes Lab 0 0 0 0 0 0 0 0 0	Credit Unit/s 3 5 3 3 1 3 2 4 24 Credit Unit/s 3 3 3 3 3 2 4 24 Credit Unit/s 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 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	- First Hot Lec 3 3 3 0 3 0 3 18 Secon Hot Lec 3 3	Semes ur/s Lab 0 6 0 0 3 0 6 3 18 d Semes Lab 0 0 0 0 0 0 0 0 0	Credit Unit/s 3 5 3 3 1 3 2 4 24 ester Credit Unit/s 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	- First Hor Lec 3 3 3 0 3 0 3 18 Secon Hor Lec 3 3 3 3	Semes ur/s Lab 0 6 0 0 3 18 d Semes ur/s Lab 0 0 0 3 0 0 0 3 0 0	Credit Unit/s 3 3 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 4 4 4 4 6 6 6 6 6	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 415 PEEC 416 PEEC 417A Course Code ACE 421 BES 04 PEEC 421 PEEC 422	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	- First Hote 3 3 3 3 0 3 0 3 18 Secon Hote 3 3 2	Semes ur/s Lab 0 6 0 0 3 18 d Semes Lab 0 0 3 3 3 3 3	Credit Unit/s 3 3 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 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	- First Hor Lec 3 3 3 0 3 0 3 18 Secon Hor Lec 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Semes ur/s Lab 0 6 0 0 3 0 6 3 18 Ur/s Lab 0 0 3 3 3 3 3 3	Credit Unit/s 3 3 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 2 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	- First Hotel 3 3 3 0 3 0 3 18 Secon Hotel Lec 3 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Semes Ur/s Lab 0 6 0 0 3 0 6 0 0 18 Ur/s Lab 0 0 3 3 3 3 3 3 3 3	Credit Unit/s 3 3 3 2 4 Credit Unit/s 3 3 4 3 2 4 3 2 1 1 1 1 1 1 1 1 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	- First Hor Lec 3 3 3 0 3 0 3 18 Secon Hor Lec 3 3 3 3 2 1 0 3	Semes Ur/s Lab 0 6 0 0 3 0 6 0 0 18 Ur/s Lab 0 0 3 3 3 3 0 0 0 0	Credit Unit/s 3 5 3 3 1 3 2 4 24 ester Credit Unit/s 3 3 4 3 2 1 3 3 4 3 2 1 3 3 4 3 3 2 1 3 3 4 3 3 4 3 2 1 3 3 3 4 3 3 4 3 3 2 1 3 3 3 4 3 3 4 3 3 2 1 3 3 3 3 4 3 3 3 4 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	- First Hor Lec 3 3 3 0 3 0 3 18 Secon Hor Lec 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Semes ur/s Lab 0 6 0 0 3 18 d Semes ur/s Lab 0 0 3 3 3 3 3 0 6 6 6 6 6 6 6 6 6	Credit Unit/s 3 3 3 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 5 5 5 5 5 5 5 5 5	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A PREC 314A PREC 413A 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 425 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	- First Hotel Lec 3 3 3 0 3 0 3 18 Secon Hotel 2	Semes Ur/s Lab 0 6 0 0 3 18 0 0 0 3 3 3 3 3 3 0 6 0 0 0 0 0 0 0 0	Credit Unit/s 3 3 3 1 3 3 2 4 24 ester Credit Unit/s 3 3 4 3 2 1 3 2 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 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	- First Hor Lec 3 3 3 0 3 0 3 18 Secon Hor Lec 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Semes ur/s Lab 0 6 0 0 3 18 d Semes ur/s Lab 0 0 3 3 3 3 3 0 6 6 6 6 6 6 6 6 6	Credit Unit/s 3 3 3 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 5 5 5 5 5 5 5 5 5	Pre-Requisite PEEC 321, PEEC 322, PEEC 323 PEEC 321, PEEC 322 BES 02 PEEC 324 4th Year Standing ACE 321, PEEC 314A PREC 314A PREC 413A 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 = 205

Prepared by: Noted by

GILBERT D. DEBOMA, REE

Program Chair, BS Electrical Engineering

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