Republic of the Philippines PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY







COLLEGE OF ENGINEERING

Bachelor of Science in Civil Engineering 2019 Curriculum

Reference: CMO No.92 series of 2017, PSG for the Bachelor of Science in Civil Engineering

	FIRS'	Г YEAR - Fi	rst Semeste	r		
C C .	D	Но	our/s	C1947	Day	Co
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
Chem 1	General Chemistry	3	3	4		
FEMA 1	Fundamental Engineering Mathematics I	3	0	3		MTN 4, FEMA 2
FEMA 2	Fundamental Engineering Mathematics II	3	0	3		MTN 4, FEMA
GEC 4	Mathematics in the Modern World	3	0	3		
MTN 4	Calculus I	3	0	3		FEMA 1, FEMA
CE 112	Civil Engineering Orientation	2	0	2		,
FILN 1	Kontekstwalisadong Komunikasyon sa Filipino	3	0	3		
PEN 1	Fitness and Recreational Outdoor Activity	2	0	2		
NSTP 1	National Service Training Program I	3	0	3		
	Sub total	25	3	26		
	FIRST	YEAR - Sec	and Semest	er		
	FIRST		our/s			
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
Phys 1a	Physics for Engineers I	3	3	4	MTN 4, FEMA 1, FEMA 2	MTN 5
Phys 1b	Physics for Engineers II	2	3	3	MTN 4, FEMA 1, FEMA 2	MTN 5, Phys 1a
Chem 1a	Chemistry for Engineers	3	3	4	Chem 1	
GEC 1	Understanding the Self	3	0	3		
GEC 3a	The Contemporary World (Peace Education)	3	0	3		
MTN 5	Calculus II	3	0	3	MTN 4, FEMA 1, FEMA 2	
PEN 2	Philippine Folk Dances	2	0	2	PEN 1	
NSTP 2	National Service Training Program II	3	0	3	NSTP 1	
1,511 2	Sub total	22	9	25	11011 1	
		RST YEAR -	Mid Voor			
	FIF		our/s	<u> </u>		
Course Code	1	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
ECN 1	Computer Fundamentals and Programming	0	6	2		
CE 121	Engineering Drawing and Plans	0	3	1		
	Sub total	0	9	3		
	SECO	ND YEAR - I	First Semest	er		
G G-1-	D	Но	our/s	C 114/	D	G
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
MTN 6	Differential Equations	3	0	3	MTN 5	
BES 01	Computer-Aided Drafting	0	3	1	CE 121	
Mech 1	Statics of Rigid Bodies	3	0	3	MTN5, Phys 1a	
CE 214	Fundamentals of Surveying	3	6	5	CE 121	
GEC 8	Ethics	3	0	3		
BES 03	Engineering Management	2	0	2		
GEC 5	Purposive Communication	3	0	3		
FILN 2	Sosyedad at Literatura/Panitikang Panlipunan	3	0	3		
PEN 3	Individual and Dual Sports	2	0	2	PEN 1	
	Sub total	22	9	25		
	SECON	D YEAR - Se	acond Somo	stor		
Course Code			our/s Lab	Credit/s	Pre-requisite	Co-requisite
EDA 101	Engineering Data Analysis	3	0	3	MTN 5	
GCE 222	Geology for Civil Engineers	2	0	2	Chem 1a	+
FILN 3	SineSosyedad/Pelikulang Panlipunan	3	0	3	FILN 2	+
Mech 2	Dynamics of Rigid Bodies	2	0	2	Mech 1	+
Mech 3	Mechanics of Deformable Bodies	4	0	4	Mech 1	+
	Construction Materials & Testing	2	3	3	Mech 1	Mech 3
CMT 222			0	3		Mech 3
	Art Approximation					Ī
GEC 6	Art Appreciation	3				
GEC 6 GEM	Life and Works of Rizal	3	0	3	DEM 1	
CMT 223 GEC 6 GEM PEN 4					PEN 1	

	SECO	ND YEAR	- Mid Year			
Course Code	Descriptive Title	Но	ur/s	Credit/s	Pre-requisite	Co-requisite
	Descriptive Title	Lec	Lab	Credit/s	rie-requisite	Co-requisite
GEE 13	Environmental Science and Engineering	3	0	3	Chem 1a	
GEE 7	Gender and Society	3	0	3		
GEE 2	People and the Earth's Ecosystem	3	0	3		
	Sub total	9	0	9		
	THIRD	YEAR - Fi	rst Semeste	r		
G G. 1.	D	Но	ur/s	C 1'4/	D	C
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
CE 314	Structural Theory	3	3	4	Mech 3	
HRE 313	Highway and Railroad Engineering	3	0	3	CE 214	
	Engineering Utilities I	3	0	3	Phys 1a, Phys 1b	
	Engineering Utilities II	3	0	3	Phys 1a, Phys 1b	
NS 313	Numerical Solutions to CE Problems	2	3	3	MTN 6	
BES 02	Engineering Economics	3	0	3	EDA 101	
ENN 1a	Scientific and Technical Writing for Engineers	3	0	3	GEC 5	
GEC 2a	Reading in Philippine History (IP Education)	3	0	3		
	Sub total	23	6	25		
	THIRD	YEAR - Sec	ond Semest	er		
C			ur/s		D	G
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
BES 04	Technopreneurship 101	3	0	3	3rd Year Standing	
BSD 323	Building Systems Design	2	3	3	CE 121	
PSD 323	Principles of Steel Design	2	3	3	CE 314	
	Principles of Reinforced/Prestressed Concrete	3	3	4	CE 314	
	Hydrology	2	0	2	3rd Year Standing	
	Hydraulics	4	3	5	3rd Year Standing	
LEC 322	CE Laws, Ethics and Contracts	2	0	2	3rd Year Standing	
GEC 7	Science, Technology and Society	3	0	3	3rd Year Standing	
	Sub total	21	10	35		
	Sub total	21	12	25		
				25		
	THI	RD YEAR -	Mid Year			
Course Code		RD YEAR - Ho	Mid Year ur/s	Credit/s	Pre-requ	isite
	Descriptive Title	RD YEAR - Ho Lec	Mid Year ur/s Lab	Credit/s	•	
Course Code	THI	RD YEAR - Ho	Mid Year ur/s		Pre-requ 4th Year Standing, BSD 324	
OJT-CE	Descriptive Title	RD YEAR - Ho Lec	Mid Year ur/s Lab	Credit/s	4th Year Standing, BSD	
OJT-CE	Descriptive Title On-the-Job Training (280 hours) Sub total	Ho Lec 3	Mid Year ur/s Lab 280 hrs	Credit/s 3 3	4th Year Standing, BSD	
ОЈТ-СЕ	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT	Ho Lec 3 3 H YEAR - I	Mid Year ur/s Lab 280 hrs 0	Credit/s 3 3	4th Year Standing, BSD 324	323, PSD 323, PCD
OJT-CE	Descriptive Title On-the-Job Training (280 hours) Sub total	Ho Lec 3 3 H YEAR - I	Mid Year ur/s Lab 280 hrs 0 Girst Semestur/s	Credit/s 3 3	4th Year Standing, BSD	
OJT-CE Course Code	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title	Ho Lec 3 3 H YEAR - I Ho Lec	Mid Year ur/s Lab 280 hrs 0 First Semestur/s Lab	Credit/s 3 3 er Credit/s	4th Year Standing, BSD 324 Pre-requisite	323, PSD 323, PCD
OJT-CE Course Code GE 414	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics)	Ho Lec 3 3 H YEAR - J Ho Lec 3	Mid Year ur/s Lab 280 hrs 0 Girst Semesteur/s Lab 3	Credit/s 3 3 er Credit/s 4	4th Year Standing, BSD 324 Pre-requisite GCE 222, Mech 3	323, PSD 323, PCD
OJT-CE Course Code GE 414 PTE 413	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering	Ho Lec 3 3 H YEAR - I Ho Lec 3 3	Mid Year ur/s Lab 280 hrs 0 Cirst Semestr ur/s Lab 3 0	Credit/s 3 3 er Credit/s 4 3	4th Year Standing, BSD 324 Pre-requisite GCE 222, Mech 3 HRE 313	323, PSD 323, PCD
OJT-CE Course Code GE 414 PTE 413 CEP 412	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I	3 3 H YEAR - 1 Ho Lec 3 3 1 1	Mid Year ur/s Lab 280 hrs 0 First Semestrur/s Lab 3 0 3	Credit/s 3 3 er Credit/s 4 3 2	4th Year Standing, BSD 324 Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing	323, PSD 323, PCD
OJT-CE Course Code GE 414 PTE 413 CEP 412 PCS 1	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I	3 3 H YEAR - Ho Lec 3 3 H 2 AR - H 3 3 3 1 3	Mid Year ur/s Lab 280 hrs 0 First Semestur/s Lab 3 0 3 0	Credit/s 3 3 Credit/s Credit/s 4 3 2 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II	3 3 H YEAR - Ho Lec 3 3 1 3 3 1 3 3	Mid Year ur/s Lab 280 hrs 0 First Semestrur/s Lab 3 0 3	Credit/s 3 3 er Credit/s 4 3 2 3 3 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing	323, PSD 323, PCD
OJT-CE Course Code GE 414 PTE 413 CEP 412 PCS 1	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical	3 3 H YEAR - Ho Lec 3 3 H 2 AR - H 3 3 3 1 3	Mid Year ur/s Lab 280 hrs 0 First Semestur/s Lab 3 0 3 0	Credit/s 3 3 Credit/s Credit/s 4 3 2 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures	RD YEAR - Ho Lec 3 H YEAR - Ho Lec 3 3 1 3 3 3	Mid Year ur/s Lab 280 hrs 0 Cirst Semestur/s Lab 3 0 3 0 0 0	Credit/s 3 3 Credit/s Credit/s 4 3 2 3 3 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health	RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 1 3 3 3 3	Mid Year ur/s Lab 280 hrs 0 Girst Semestr ur/s Lab 3 0 3 0 0 0 0	Credit/s 3 3 er Credit/s 4 3 2 3 3 3 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics	RD YEAR - Ho Lec 3 H YEAR - Ho Lec 3 3 1 3 3 3	Mid Year ur/s Lab 280 hrs 0 Cirst Semestur/s Lab 3 0 3 0 0 0	Credit/s 3 3 er Credit/s 4 3 2 3 3 3 4	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total	RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 1 3 3 3 3 22	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total	RD YEAR - Ho Lec 3 3 H YEAR - J Ho Lec 3 3 1 3 3 3 22 YEAR - Se	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total	RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 3 1 3 3 3 22 YEAR - So Ho	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing	323, PSD 323, PCD
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH	RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 1 3 3 3 3 22 YEAR - Sc Ho Lec	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25 cter Credit/s	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing 4th Year Standing	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title	RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 3 1 3 3 3 22 YEAR - Se Ho Lec 1	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25 cter Credit/s	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing 4th Year Standing Pre-requisite CEP 412	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422 QS 422	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II Quantity Surveying	RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 3 1 3 3 3 22 YEAR - Sc Ho Lec 1	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25 cter Credit/s	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing 4th Year Standing CE 314 Pre-requisite CEP 412 BSD 323	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422 QS 422 PCS 3	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II Quantity Surveying Professional Course - Specialized III	RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 3 1 3 3 3 22 YEAR - Se Ho Lec 1 1 3	Mid Year ur/s Lab 280 hrs 0 First Semestrur/s Lab 3 0 0 0 0 0 0 1 0 Lab 3 9 Econd Semestrur/s Lab 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25 eter Credit/s	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing 4th Year Standing 4th Year Standing 4th Year Standing CE 314 4th Year Standing	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422 QS 422 PCS 3 PCS 4	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II Quantity Surveying Professional Course - Specialized III Professional Course - Specialized III Professional Course - Specialized IV	RD YEAR - Ho Lec 3 H YEAR - Ho Lec 3 3 1 3 3 3 22 YEAR - Se Ho Lec 1 1 3 3 3	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 4 25 eter Credit/s 2 2 3 3 3 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing CE 314 4th Year Standing	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422 QS 422 PCS 3 PCS 4 PCS 5	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II Quantity Surveying Professional Course - Specialized III Professional Course - Specialized IV Professional Course - Specialized V	RD YEAR - Ho Lec 3 H YEAR - Ho Lec 3 3 1 3 3 3 22 YEAR - Se Ho Lec 1 1 3 3 3 3 3	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 3 4 25 Ster Credit/s 2 2 3 3 3 3 3 3 3 4 25	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422 QS 422 PCS 3 PCS 4 PCS 5 CE 423	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II Quantity Surveying Professional Course - Specialized III Professional Course - Specialized IV Professional Course - Specialized V Construction Methods and Project Management	## RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 3 3 3 3 22 YEAR - So Ho Lec 1 1 3 3 3 3 3 3 3 3 3	Mid Year ur/s Lab 280 hrs 0 Cirst Semestur/s Lab 3 0 0 0 0 3 9 cond Semestur/s Lab 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Credit/s 3 3 er Credit/s 4 3 2 3 3 3 4 25 fter Credit/s 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422 QS 422 PCS 3 PCS 4 PCS 5 CE 423 FRW 423	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II Quantity Surveying Professional Course - Specialized III Professional Course - Specialized IV Professional Course - Specialized V Construction Methods and Project Management Foundation and Retaining Wall Design	## Company of the com	Mid Year ur/s	Credit/s 3 3 er Credit/s 4 3 2 3 3 3 4 25 eter Credit/s 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing GE 414, PCD 324	Co-requisite
Course Code GE 414 PTE 413 CEP 412 PCS 1 PCS 2 TVS 413 COSH CEST 1 Course Code CEP 422 QS 422 PCS 3 PCS 4 PCS 5 CE 423	Descriptive Title On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Geotechnical Engineering I (Soil Mechanics) Principles of Tranportation Engineering CE Project I Professional Course - Specialized I Professional Course - Specialized II Structural Design of Towers and Other Vertical Structures Construction Occupational Safety and Health Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II Quantity Surveying Professional Course - Specialized III Professional Course - Specialized IV Professional Course - Specialized V Construction Methods and Project Management	## RD YEAR - Ho Lec 3 3 H YEAR - I Ho Lec 3 3 3 3 3 3 22 YEAR - So Ho Lec 1 1 3 3 3 3 3 3 3 3 3	Mid Year ur/s Lab 280 hrs 0 Cirst Semestur/s Lab 3 0 0 0 0 3 9 cond Semestur/s Lab 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Credit/s 3 3 er Credit/s 4 3 2 3 3 3 4 25 fter Credit/s 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Pre-requisite GCE 222, Mech 3 HRE 313 4th Year Standing	Co-requisite

Total Units = 214

Prepared by:

FERDINAND D. TABLIGAN, RCE Program Chair, BS Civil Engineering

Noted by:

MARLON JAMES A. DEDICATORIA, ME, PhD Dean, College of Engineering

Revised: 6/24/2019

^{*}The nth Year Standing means that the student shall have completed at least 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