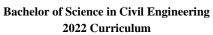
Republic of the Philippines

THE STORY AND TH

PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY

Iba, Zambales







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

	Reference: CMO No.92 series of 201	YEAR - Fi	rst Semeste			
			ur/s			
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
FEMA	Pre-Calculus	4	0	4		MTN 4
MTN 4	Calculus I	3	0	3		FEMA
CE 112	Civil Engineering Orientation	2	0	2		
CE 121	Engineering Drawing and Plans	0	3	1		
GEC 1	Understanding the Self	3	0	3		
GEC 3a	The Contemporary World (w/ Peace Education)	3	0	3		
EN +	Enhanced Communication Skills	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	23	3	24		
	FIDST	YEAR - Sec	and Sameet	er		
	FIRST		ur/s			
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
Phys 1a	Physics for Engineers I Lec	3	0	3	MTN 4, FEMA	MTN 5
Phys 1a L	Physics for Engineers I Lab	0	3	1	MTN 4, FEMA	MTN 5
Phys 1b	Physics for Engineers II Lec	2	0	2	MTN 4, FEMA	MTN 5, Phys 1a
Phys 1b L	Physics for Engineers II Lab	0	3	1	MTN 4, FEMA	MTN 5, Phys 1a
Chem 1a	Chemistry for Engineers Lec	3	0	3	WITN 4, FEWIA	IVITIN J, PHYS 1a
Chem 1a L	Chemistry for Engineers Lec Chemistry for Engineers Lab	0	3	1		
MTN 5	Calculus II	3	0	3	MTN 4, FEMA	
GEC 4			-		WIIN 4, FEMA	
	Mathematics in the Modern World	3	0	3		
FILN 1	Kontekstwalisadong Komunikasyon sa Filipino	3	0	3	DEM 1	
PEN 2	Philippine Folk Dances	2	0	2	PEN 1	
NSTP 2	National Service Training Program II	3 22	0 9	3 25	NSTP 1	
	Sub total	22	9	25		
	SECON	D YEAR - I		ter		
Course Code	Descriptive Title	Но	ur/s	Credit/s	Pre-requisite	Co-requisite
	•	Lec	Lab	Creditis		Co-requisite
BES 01	Computer-Aided Drafting	0	3	1	CE 121	
BES 03	Engineering Management	2	0	2		
EDA 101	Engineering Data Analysis	3	0	3	MTN 5	
	Geology for Civil Engineers	2	0	2	Chem 1a	
MTN 6	Differential Equations	3	0	3	MTN 5	
MTN 6 Mech 1	Differential Equations Statics of Rigid Bodies				MTN 5 MTN5, Phys 1a	
MTN 6 Mech 1 CE 214	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec	3 3 3	0 0 0	3	MTN 5 MTN5, Phys 1a CE 121	
MTN 6 Mech 1 CE 214 CE 214L	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab	3 3 3 0	0	3 3 3 1	MTN 5 MTN5, Phys 1a	
MTN 6 Mech 1 CE 214 CE 214L GEE 7	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society	3 3 3 0 3	0 0 0 3 0	3 3 3 1 3	MTN 5 MTN5, Phys 1a CE 121 CE 121	
MTN 6 Mech 1 CE 214 CE 214L GEE 7	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports	3 3 0 3 2	0 0 0 3 0	3 3 3 1 3 2	MTN 5 MTN5, Phys 1a CE 121	
MTN 6 Mech 1 CE 214 CE 214L GEE 7	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society	3 3 3 0 3	0 0 0 3 0	3 3 3 1 3	MTN 5 MTN5, Phys 1a CE 121 CE 121	
Mech 1 CE 214 CE 214L GEE 7	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total	3 3 0 3 2	0 0 0 3 0 0 6	3 3 1 3 2 23	MTN 5 MTN5, Phys 1a CE 121 CE 121	
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total SECONI	3 3 0 3 2 21 24 21 SEAR - Se	0 0 0 3 0 0 6	3 3 1 3 2 23	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1	
MTN 6 Mech 1 CE 214 CE 214L GEE 7	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total	3 3 0 3 2 21 24 21 SEAR - Se	0 0 0 3 0 0 0 6	3 3 1 3 2 23	MTN 5 MTN5, Phys 1a CE 121 CE 121	Co-requisite
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total SECONI	3 3 0 3 2 21 YEAR - Se	0 0 0 3 0 0 6 econd Seme	3 3 1 3 2 23	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1	Co-requisite
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total Descriptive Title	3 3 0 3 2 21 YEAR - Se Ho	0 0 3 0 0 6 econd Seme	3 3 3 1 3 2 23 ster Credit/s	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite	Co-requisite
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2 Mech 3	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total Descriptive Title Dynamics of Rigid Bodies	3 3 0 3 2 21 YEAR - Se Ho Lec 2	0 0 0 3 0 0 6 econd Seme ur/s	3 3 1 3 2 23 ster Credit/s 2	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1	Co-requisite Mech 3
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2 Mech 3 CMT 223 CMT 223L	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total Descriptive Title Dynamics of Rigid Bodies Mechanics of Deformable Bodies	3 3 0 3 2 21 21 21 24 4 2	0 0 0 3 0 0 6 econd Seme ur/s Lab 0	3 3 3 1 3 2 23 ster Credit/s 2 4	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1	
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2 Mech 3 CMT 223 CMT 223L GEC 6	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total Descriptive Title Dynamics of Rigid Bodies Mechanics of Deformable Bodies Construction Materials & Testing Lec	3 3 0 3 2 21 21 21 21 Lec 2 4	0 0 0 3 0 0 6 econd Seme ur/s Lab 0	3 3 3 1 3 2 23 ster Credit/s 2 4 2	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1	Mech 3
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2 Mech 3 CMT 223 CMT 223L GEC 6	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total SECONI Descriptive Title Dynamics of Rigid Bodies Mechanics of Deformable Bodies Construction Materials & Testing Lec Construction Materials & Testing Lab Art Appreciation Ethics	3 3 0 3 2 21 21 21 24 4 2	0 0 0 3 0 0 6 6 ccond Seme ur/s Lab 0 0	3 3 3 1 3 2 23 ster Credit/s 2 4 2 1	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1	Mech 3
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2 Mech 3 CMT 223 CMT 223L GEC 6 GEC 8	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total SECONI Descriptive Title Dynamics of Rigid Bodies Mechanics of Deformable Bodies Construction Materials & Testing Lec Construction Materials & Testing Lab Art Appreciation	3 3 0 3 2 21 YEAR - So Ho Lec 2 4 2 0 3	0 0 0 3 0 0 6 econd Seme ur/s Lab 0 0 0	3 3 3 1 3 2 23 ster Credit/s 2 4 2 1 3	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1	Mech 3
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2 Mech 3 CMT 223 CMT 223L GEC 6 GEC 8 GEC 5 GEC 2a	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total SECONI Descriptive Title Dynamics of Rigid Bodies Mechanics of Deformable Bodies Construction Materials & Testing Lec Construction Materials & Testing Lab Art Appreciation Ethics	3 3 0 3 2 21 YEAR - Se Ho Lec 2 4 2 0 3 3 3	0 0 0 3 0 0 6 econd Seme ur/s Lab 0 0 0	3 3 3 1 3 2 23 ster Credit/s 2 4 2 1 3 3 3	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1 Mech 1	Mech 3
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3 Course Code Mech 2 Mech 3 CMT 223 CMT 223L GEC 6 GEC 8 GEC 5 GEC 2a	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total Descriptive Title Dynamics of Rigid Bodies Mechanics of Deformable Bodies Construction Materials & Testing Lec Construction Materials & Testing Lab Art Appreciation Ethics Purposive Communication	3 3 0 3 2 21 YEAR - So Ho Lec 2 4 2 0 3 3 3 3	0 0 0 3 0 0 6 econd Seme ur/s Lab 0 0 0 0 0	3 3 3 1 3 2 23 ster Credit/s 2 4 2 1 3 3 3 3 3	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1 Mech 1	Mech 3
MTN 6 Mech 1 CE 214 CE 214L GEE 7 PEN 3	Differential Equations Statics of Rigid Bodies Fundamentals of Surveying 1 Lec Fundamentals of Surveying 1 Lab Gender and Society Individual and Dual Sports Sub total SECONI Descriptive Title Dynamics of Rigid Bodies Mechanics of Deformable Bodies Construction Materials & Testing Lec Construction Materials & Testing Lab Art Appreciation Ethics Purposive Communication Reading in Philippine History (IP Education)	3 3 3 0 3 2 21 YEAR - Se Ho Lec 2 4 2 0 3 3 3 3 3 3	0 0 0 3 0 0 6 econd Seme ur/s Lab 0 0 0 3	3 3 3 1 3 2 23 ster Credit/s 2 4 2 1 3 3 3 3 3 3 3	MTN 5 MTN5, Phys 1a CE 121 CE 121 PEN 1 Pre-requisite Mech 1 Mech 1	Mech 3

	SECO	ND YEAR	- Mid Year			
Course Code	Descriptive Title	Hour/s		Credit/s	Pre-requisite	Co-requisite
		Lec	Lab	Credit/s	r re-requisite	Co-requisite
CE 225	Fundamentals of Surveying 2	2	0	2		
CE 225L	Fundamentals of Surveying 2 Lab	0	3	1		
ECN 1	Computer Fundamentals and Programming	0	6	2		
	Sub total	2	9	5		

		Lec	Lab	Crearys	1	1
CE 314	Structural Theory	3	3	4	Mech 3	
HRE 313	Highway and Railroad Engineering	3	0	3	CE 225	
EU 1	Engineering Utilities I	3	0	3	Phys 1a, Phys 1b	
EU 2	Engineering Utilities II	3	0	3	Phys 1a, Phys 1b	
NS 313	Numerical Solutions to CE Problems	2	3	3	MTN 6	
BSD 323	Building Systems Design	2	3	3	CE 121	
GEC 7	Science, Technology and Society	3	0	3	3rd Year Standing	
GEE 13	Environmental Science and Engineering	3	0	3	Chem 1a	
	Sub total	17	6	25		
	THIDD	VEAD So	cond Semest	or		
			ur/s	CI		
Course Code	Descriptive Title	Lec	Lab	Credit/s	Pre-requisite	Co-requisite
BES 02	Engineering Economics	3	0	3	EDA 101	
PSD 323	Principles of Steel Design	2	3	3	CE 314	
PCD 324	Principles of Reinforced/Prestressed Concrete	3	3	4	CE 314	
CE 325	Hydraulics Lec	4	0	4	3rd Year Standing	
CE 325	Hydraulics Lab	0	3	1	3rd Year Standing	
QS 422	Quantity Surveying	1	3	2	BSD 323	
CE 320	Research Methods for CE	3	0	3	3rd Year Standing	EN 1
EN 1	Scientific and Technical Writing for Engineers	3	0	3	GEC 5	
GEM	Life and Works of Rizal	3	0	3		
02111	Sub total	22	12	26		
			Mid Veen			
	11111	RD YEAR -				
		HA	11r/c	Credit/s	Pre-requisite	
Course Code	Descriptive Title	Lec	ur/s Lab	Credit/s	Pre-requi	isite
	Descriptive Title On-the-Job Training (280 hours)			Credit/s	4th Year Standing, BSD	
	On-the-Job Training (280 hours)	Lec 3	Lab 280 hrs	3		
	On-the-Job Training (280 hours) Sub total	3 3	280 hrs 0	3	4th Year Standing, BSD	
	On-the-Job Training (280 hours) Sub total	1 Lec 3 3 4 YEAR - 1	Lab 280 hrs 0	3	4th Year Standing, BSD	
OJT-CE	On-the-Job Training (280 hours) Sub total	3 3 H YEAR - 1	Lab 280 hrs 0 First Semest	3	4th Year Standing, BSD	
OJT-CE Course Code	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title	Lec 3 3 H YEAR - I Ho Lec	Lab 280 hrs 0 First Semest ur/s Lab	3 3 er Credit/s	4th Year Standing, BSD 324 Pre-requisite	323, PSD 323, PC
OJT-CE Course Code BES 04	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101	Lec 3 3 H YEAR - I Ho Lec 3	Lab 280 hrs 0 First Semest ur/s Lab 0	3 3 er Credit/s 3	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing	323, PSD 323, PC
Course Code BES 04 GE 414	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics)	Lec 3 3 H YEAR - 1 Ho Lec 3 3	Lab 280 hrs 0 First Semest ur/s Lab 0 0	3 3 er Credit/s 3 3	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics)	Lec 3 3 H YEAR - Ho Lec 3 3 0	Lab 280 hrs 0 Cirst Semest ur/s Lab 0 0 3	3 3 er Credit/s 3 3 1	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering	Lec 3 3 H YEAR - 1 Ho Lec 3 0 3	Lab 280 hrs 0 First Semest ur/s Lab 0 0 3 0	3 er Credit/s 3 3 1 3	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I	Lec 3 3 H YEAR - 1 Ho Lec 3 0 3 1	Lab 280 hrs 0 First Semest ur/s Lab 0 0 3 0 3	3 er Credit/s 3 3 1 3 2	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design	Lec 3 3 H YEAR - 1 Ho Lec 3 3 0 3 1 3	Lab 280 hrs 0 First Semest ur/s Lab 0 0 3 0 3 0	3 er Credit/s 3 1 3 2 3	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures	Lec 3 3 H YEAR - Ho Lec 3 3 0 3 1 3 3	Lab 280 hrs 0 First Semest ur/s Lab 0 0 3 0 3 0 0 0	3 er Credit/s 3 3 1 3 2 3 3 3	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management	Lec 3 3 H YEAR - Ho Lec 3 3 0 3 1 3 3 3	Lab 280 hrs 0 Cirst Semest ur/s Lab 0 3 0 3 0 0 0 0	3 3 er Credit/s 3 3 1 3 2 3 3 3 3 3	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 3 2	Lab 280 hrs 0 First Semest ur/s Lab 0 3 0 3 0 0 0 0 0 0	3 3 er Credit/s 3 3 1 3 2 3 3 3 2	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics	Lec 3 3 H YEAR - Ho Lec 3 3 0 3 1 3 3 2 2	Lab 280 hrs 0 Cirst Semest ur/s Lab 0 3 0 3 0 0 0 0 3 0 3 0 3	3 er Credit/s 3 3 1 3 2 3 3 2 3 3 2 3 3 3 2 3	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 3 2	Lab 280 hrs 0 First Semest ur/s Lab 0 3 0 3 0 0 0 0 0 0	3 3 er Credit/s 3 3 1 3 2 3 3 3 2	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total	Lec 3 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23	Lab 280 hrs 0 Cirst Semest ur/s Lab 0 3 0 3 0 0 0 0 3 0 3 0 3	3 er Credit/s 3 3 1 3 2 3 3 2 3 2 3 26	4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411 STM 400	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho	Lab 280 hrs 0 Cirst Semest ur/s Lab 0 3 0 3 0 0 0 3 9 econd Semest ur/s	3 er Credit/s 3 3 1 3 2 3 3 2 3 26	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing	Co-requisite
Course Code OJT-CE Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 423 CE 411 STM 400 Course Code	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec	Lab 280 hrs 0 Cirst Semest ur/s Lab 0 3 0 3 0 0 0 3 9 econd Semest ur/s Lab	3 er Credit/s 3 3 1 3 2 3 3 2 3 2 6 Ster Credit/s	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite	323, PSD 323, PC
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411 STM 400 Course Code	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title	Lec 3 H YEAR - I Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1	Lab 280 hrs 0	3 er Credit/s 3 3 1 3 2 3 3 2 3 26 Ster Credit/s	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412	Co-requisite
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411 STM 400 Course Code CEP 422 LEC 322	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II CE Laws, Ethics and Contracts	Lec 3 H YEAR - I Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1 2	Lab 280 hrs 0	3 er Credit/s 3 3 1 3 2 3 2 3 26 Ster Credit/s	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412 4th Year Standing	Co-requisite
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 2 CE 423 CE 411 STM 400 Course Code CEP 422 LEC 322 PCS 3	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II CE Laws, Ethics and Contracts Computer Softwares in Structural Analysis	Lec 3 H YEAR - I Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1 2 3	Lab 280 hrs 0	3 er Credit/s 3 3 1 3 2 3 3 2 3 26 Ster Credit/s	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412 4th Year Standing PSD 323, PCD 324	Co-requisite
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411 STM 400 Course Code CEP 422 LEC 322 PCS 3 PTE 413	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II CE Laws, Ethics and Contracts Computer Softwares in Structural Analysis Principles of Tranportation Engineering	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1 2 3 3 3	Lab 280 hrs 0	3 er Credit/s 3 3 1 3 1 3 2 3 3 2 3 26 Ster Credit/s	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412 4th Year Standing PSD 323, PCD 324 HRE 313	Co-requisite
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 2 CE 423 CE 411 STM 400 Course Code CEP 422 LEC 322 PCS 3 PTE 413 PCS 5	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II CE Laws, Ethics and Contracts Computer Softwares in Structural Analysis Principles of Tranportation Engineering Prestressed Concrete Design	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1 2 3 3 3 3	Lab 280 hrs 0 First Semest ur/s Lab 0 0 3 0 0 0 3 0 0 3 9 econd Semest ur/s Lab 3 0 0 0 0 0 0 0 0 0 0 0 0	3 er Credit/s 3 3 1 3 2 3 3 2 3 26 Credit/s	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412 4th Year Standing PSD 323, PCD 324 HRE 313 PCD 324	Co-requisite
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 2 CE 423 CE 411 STM 400 Course Code CEP 422 LEC 322 PCS 3 PTE 413 PCS 5	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II CE Laws, Ethics and Contracts Computer Softwares in Structural Analysis Principles of Tranportation Engineering	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1 2 3 3 3	Lab 280 hrs 0	3 er Credit/s 3 3 1 3 1 3 2 3 3 2 3 26 Ster Credit/s	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412 4th Year Standing PSD 323, PCD 324 HRE 313	Co-requisite
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 2 CE 423 CE 411 STM 400 Course Code CEP 422 LEC 322 PCS 3	On-the-Job Training (280 hours) Sub total POURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II CE Laws, Ethics and Contracts Computer Softwares in Structural Analysis Principles of Tranportation Engineering Prestressed Concrete Design	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1 2 3 3 3 3	Lab 280 hrs 0	3 er Credit/s 3 3 1 3 2 3 3 2 3 26 ster Credit/s 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412 4th Year Standing PSD 323, PCD 324 HRE 313 PCD 324	Co-requisite
Course Code BES 04 GE 414 GE 414 PCS 4 CEP 412 PCS 1 PCS 2 CE 423 CE 411 STM 400 Course Code CEP 422 LEC 322 PCS 3 PTE 413 PCS 5 FRW 423	On-the-Job Training (280 hours) Sub total FOURT Descriptive Title Technopreneurship 101 Geotechnical Engineering I Lec (Soil Mechanics) Geotechnical Engineering I Lab (Soil Mechanics) Earthquake Engineering CE Project I Reinforced Concrete Design Design of Steel Structures Construction Methods and Project Management Hydrology Special Topics in Mathematics Sub total FOURTH Descriptive Title CE Project II CE Laws, Ethics and Contracts Computer Softwares in Structural Analysis Principles of Tranportation Engineering Prestressed Concrete Design Foundation and Retaining Wall Design	Lec 3 H YEAR - Ho Lec 3 3 0 3 1 3 2 2 23 YEAR - Se Ho Lec 1 2 3 3 3 3 3 3 3 3 3	Lab 280 hrs 0	3 cer Credit/s 3 3 1 3 2 3 3 2 3 26 Ster Credit/s 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Pre-requisite 4th Year Standing, BSD 324 Pre-requisite 4th Year Standing GCE 222, Mech 3 GCE 222, Mech 3 CE 314 BSD 323, PSD 323, PCD 324 PCD 324 PSD 323 4th Year Standing CE 325 4th Year Standing Pre-requisite CEP 412 4th Year Standing PSD 323, PCD 324 HRE 313 PCD 324 GE 414, PCD 324	Co-requisite

THIRD YEAR

Descriptive Title

Credit/s

Pre-requisite

Co-requisite

Course Code

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

Noted by:

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

Revised: 1/17/2022

^{*}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

^{*}CE Special Topics 1 - Special topics in preparation for BSCE Licensure Examination

^{*}CE Special Topics 2 - Special topics in preparation for Master Plumber Licensure Examination