

**EASTERN VISAYAS STATE UNIVERSITY**Tanauan Campus
Tanauan Leyte

Title of Form: CURRICULUM CHECKLIST

Control No. EVSU-ACA-F-006
Revision No. 0
Date Nov. 6, 2019BSCE
Bachelor of Science in Civil Engineering
Per Board Resolution No. 64 s. 2018
PER CMO NO. 92, SERIES OF 2017
*(Rectified: Inclusion of 9 units Gen. Ed. Electives
as per CMO No. 20, series 2013)***ENGINEERING DEPARTMENT**
Curriculum Checklist
BACHELOR OF SCIENCE IN CIVIL ENGINEERING
Effective First Semester, S.Y. 2021-2022Name : _____ Student No. : _____
(Family Name) (First Name) (M.I.)
Home Address : _____ Contact No. : _____
Email Add./FB Account : _____ Parent/Guardian's Contact No. : _____**FIRST YEAR-First Semester** SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	CE 112	Civil Engineering Orientation	2	0	2	None
	CHEM 114**	Chemistry for Engineers	3	3	4	None
	MATH 112	Solid Mensuration	2	0	2	None
	MATH 153	Analytic Geometry	3	0	3	None
	MATH 113	College Algebra	3	0	3	None
	MATH 133	Plane and Spherical Trigonometry	3	0	3	None
	PATH FIT 112	PATHFIT-I (Movement Competency Training)	2	0	2	None
	GEN ED 003	Readings in Philippine History	3	0	3	None
	NSTP 113	NSTP 1	3	0	3	None
TOTAL			24	3	25	

* Comp. Subjects with computer fee ** Subjects with laboratory fee

Name and Signature of Evaluator _____

FIRST YEAR-Second Semester SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	COMP 11*	Computer Fundamentals and Programming	0	6	2	None
	DRAW 11**	Engineering Drawing and Plans	0	3	1	None
	GEO 122	Geology for Civil Engineers	3	0	3	Chem 114
	GEN EL 001	Environmental Science	3	0	3	Chem 114
	MATH 124	Differential Calculus	4	0	4	MATH 113, MATH 133, MATH 153, MATH 112
	DRR 113	Disaster Risk Reduction and Education	3	0	3	None
	PATH FIT 122	PATHFIT-II (Fitness Training)	2	0	2	None
	NSTP 123	NSTP 2	3	0	3	NSTP 1
	GEN ED 004	Mathematics in the Modern World	3	0	3	None
	GEN ED 005	Art Appreciation	3	0	3	None
TOTAL			24	9	27	

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Name and Signature of Evaluator _____

FIRST YEAR-SUMMER SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	GEN EL 004	Living in the IT ERA	3	0	3	None
	GEN ED 001	Purposive Communication	3	0	3	None
	GEN ED 002	Understanding the Self	3	0	3	None
TOTAL			9	0	9	

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Name and Signature of Evaluator _____

SECOND YEAR-First Semester SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	CAD 11*	Computer-Aided Drafting	0	3	1	Comp 11, Draw 11
	EDA 11	Engineering Data Analysis	3	0	3	MATH 124
	RIZAL 001	Rizal's Life and Works	3	0	3	None
	CE 263	Engineering Urban Planning	3	0	3	None
	MATH 214	Integral Calculus	4	0	4	MATH 124
	PHYS 215**	Physics for Engineers	3	6	5	MATH 124
	PATH FIT 212	PATHFIT-III (Dance, Sports, Group Exercise, Outdoor and Adventure Activities-1)	2	0	2	None
	GEN ED 007	The Contemporary World	3	0	3	None
TOTAL			21	9	24	

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Name and Signature of Evaluator _____

SECOND YEAR-Second Semester SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	NO.Hrs./wk		Units	pre-Requisite(s)/Co-requisite
			Lec	Lab		
	ECON 11	Engineering Economics	3	0	3	MATH 113
	GEN ED 008	Science, Technology & Society	3	0	3	None
	CE 225	Fundamentals of Surveying	3	6	5	DRAW 11, MATH 113, MATH 133, MATH 153, MATH 112
	MATH 223	Differential Equations	3	0	3	MATH 214
	CE 224	Statics of Rigid Bodies	4	0	4	MATH 214, PHYS 215
	PATH FIT 222	PATHFIT-IV (Dance, Sports, Group Exercise, Outdoor and Adventure Activities-2)	2	0	2	None
	GEN ED 006	Ethics	3	0	3	None
	CE 223	Engineering Utilities 1	3	0	3	PHYS 215
TOTAL			24	6	26	

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SECOND YEAR-Summer SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	GEN EL 006	Philippine Indigenous Communities	3	0	3	None
	CE 203	Engineering Utilities 2	3	0	3	PHYS 215
	MGT 11	Engineering Management	3	0	3	2nd year Standing
TOTAL			9	0	9	

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Name and Signature of Evaluator _____

THIRD YEAR-First Semester SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	CE 313**	Construction Materials and Testing	2	3	3	CE 224
	CE 315	Mechanics of Deformable Bodies	5	0	5	CE 224
	CE 333	Dynamics of Rigid Bodies	3	0	3	CE 224
	MATH 313	Advance Engineering Math for CE	3	0	3	MATH 223
	MATH 333*	Numerical Solutions to CE Problems	2	3	3	MATH 223,MATH 313
	CE 353	Highway and Road Engineering	3	0	3	CE 225
	CE 373**	Fluid Mechanics	2	3	3	CE 333
	CE 393**	Building System Design	2	3	3	DRAW 11,CE 223,CE 203
TOTAL			22	12	26	

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Name and Signature of Evaluator _____

THIRD YEAR-Second Semester SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	CE 325**	Structural Theory	3	6	5	CE 315
	CE 322	Hydrology	2	0	2	CE 373
	CE 324**	Hydraulics	3	6	5	CE 315,CE 333,CE 373
	CE 364**	Geotechnical Engineering 1 (Soil Mechanics)	3	3	4	CE 315,GEO 122
	CE 342**	Quantity Surveying	1	3	2	CE 393
	TECHNO 11	CE Technopreneurship 101	3	0	3	3rd Year Standing
TOTAL			15	18	21	

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THIRD YEAR-Summer SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	OJT	On-the-Job Training - 240 hours	2	3	3	SEE NOTE BELOW
TOTAL			2	3	3	

Note: MUST HAVE PASSED ALL PREVIOUS PROFESSIONAL SUBJECTS AS PER CMO NO. 104

Name and Signature of Evaluator _____

FOURTH YEAR-First Semester SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	CE 411	CE Correlation Course 1	0	3	1	CE 324, CE 364
	CE 414**	Construction Methods and Project Management	3	3	4	MGT 11, CE 342
	CE 434**	Principles of Reinforced / Prestressed Concrete	3	3	4	CE 325
	CE 413**	Principles of Steel Design	2	3	3	CE 325
	CE 412	Principles of Timber Design	2	0	2	CE 325
	CE 433**	CE Project 1	1	6	3	CE 326, CE 364, CE 434, CE 413, CE 412
	CE Prof 1	Professional Course-Specialized 1	3	0	3	4th Year Standing
	CE Prof 2	Professional Course-Specialized 2	3	0	3	4th Year Standing
TOTAL			17	18	23	

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FOURTH YEAR-Second Semester SY _____

Grade	COURSE NO.	DESCRIPTIVE TITLE	No. of Hrs./Wk		Units	Pre-Requisite(s)/Co-Requisite
			Lec	Lab		
	CE 421	CE Correlation Course 2	0	3	1	MATH 333, MATH 313, CE 225
	CE 441	CE Correlation Course 3	0	3	1	CE 434, CE 413, CE 412
	CE 424**	Foundation and Retaining Wall Design	3	3	4	CE 364
	CE 423	Principles of Transportation Engineering	3	0	3	CE 353
	CE 443**	CE Project 2	1	6	3	CE 433
	CE Prof 3	Professional Course-Specialized 3	3	0	3	4th Year Standing
	CE Prof 4	Professional Course-Specialized 4	3	0	3	4th Year Standing
	CE Prof 5	Professional Course-Specialized 5	3	0	3	4th Year Standing
	LAW 402	CE Laws, Ethics and Contracts	2	0	2	4th Year Standing
TOTAL			18	15	23	

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Name and Signature of Evaluator _____

Professional Course-Specialized

A. STRUCTURAL ENGINEERING		B. WATER RESOURCES ENGINEERING		C. CONSTRUCTION ENGINEERING AND MANAGEMENT	
CE PROF 11	Computer Software in Structural Analysis	CE PROF 21	Water Resources Engineering	CE PROF 31	Project Construction and Management
CE PROF 12	Earthquake Engineering	CE PROF 22	Flood Control and Drainage Design	CE PROF 32	Advanced Construction Methods and Equipment
CE PROF 13	Design of Steel Structures	CE PROF 23	Irrigation Engineering	CE PROF 33	Construction Cost Engineering
CE PROF 14	Prestressed Concrete Design	CE PROF 24	Water Supply Planning and Development	CE PROF 34	Database Management in Construction
CE PROF 15	Reinforced Concrete Design	CE PROF 25	Coastal Engineering	CE PROF 35	Construction Occupational Safety and Healthy (COSH)

SUMMARY: **No. of Units**

No. of Units

I. TECHNICAL COURSES

II. NON-TECHNICAL COURSES

A. MATHEMATICS	31
B. NATURAL/PHYSICAL SCIENCES	12
C. BASIC ENGINEERING SCIENCES	27
D. ALLIED COURSES	6
E. PROFESSIONAL COURSES-COMMON	68
F. PROFESSIONAL COURSES-SPECIALIZED	15
G. On-the-Job Training	3

A. GENERAL EDUCATION	24
B. GEC ELECTIVE/MANDATED COURSE	3
C. PHYSICAL EDUCATION	8
D. NSTP	6
E. GENERAL ELECTIVES	9
F. DRR	3
TOTAL	215

Verified By:

VICENTE D. CARILLO JR., Ph.D.
Department Head