



J.H. CERILLES STATE COLLEGE

Mati, San Miguel, Zamboanga del Sur

School Of Engineering and Technology BACHELOR OF SCIENCE IN CIVIL ENGINEERING MAJOR IN STRUCTURAL ENGINEERING



NAME: _____ YEAR LEVEL _____

FIRST YEAR

FIRST SEMESTER

SECOND SEMESTER

Grades	Course #	DESCRIPTION	Units			Pre- req/ co-req	Grades	Course #	DESCRIPTION	UNITS			Pre-req/ Co-req
			Lec	Lab	Total					Lec	Lab	Total	
	GEC 101	Understanding the Self	3	0	3	None		GEC 103	Science Technology and Society	3	0	3	None
	GEC 104	Mathematics in the Modern World	3	0	3	None		GEC 105	Purposive Communication	3	0	3	None
	GEE 111	Environmental Science	3	0	3	None		GEE 102	The Interpreneurial Mind	3	0	3	GEE 101
	BEM 111	Calculus 1 Differential Calculus	3	0	3	STEM Track		GEE 101	Living in the IT Era	3	0	3	None
	BES 111	Civil Engineering Orientation	2	0	2	STEM Track		BEM 121	Calculus 2 Integral Calculus	3	0	3	BEM 111
	NS 111	Chemistry for Engineers	3	1	4	STEM Track		PS 121	Physics for Engineers (Calculus Based)	3	1	4	BEM 111/ BEM 121
	PATH-FIT 1	Movement Competency Training	2	0	2	None		BES 121	Engineering Drawing and Plans	0	1	1	None
	NSTP 1	ROTC/CWTS/LTS	3	0	3	None		BES 122	Computer Fund's and Programming	0	2	2	GEE 101
	IC 101	JHCSC Civic Course	1	0	1	None		PATH-FIT	Exercise Physical	2	0	2	PATH-FIT
								NSTP 2	ROTC/CWTS/LTS	3	0	3	NSTP 1
TOTAL					24		TOTAL					27	

SECOND YEAR

FIRST SEMESTER

SECOND SEMESTER

	GEC 201	The Contemporary World	3	0	3	None		GE MAN	Life and Works of Rizal	3	0	3	None
	GEC 202	Art Appreciation	3	0	3	None		BEM 221	Engineering Data	3	0	3	None
	BEM 211	Differential	3	0	3	BEM 121		NS 221	Geology for Civil	2	0	2	NS 111
	BES 211	Computed Aided	0	1	1	BES 121		BES 222	Dynamics of Rigid	2	0	2	BES 212
	BES 212	Statics of Rigid	3	0	3	BEM121/		BES 223	Mechanics of	4	0	4	BES 212
	CE 211	Fundamentals of	3	1	4	BES 121		CE 221	Construction Materials	2	1	3	BES 212/
	BES 213	Engineering Economics	3	0	3	2nd Year Standing		GEC 102	Readings in Phil History	3	0	3	None
	PATH-	Dance/Sports/Rhyth	2	0	2	PATH-FIT		Path-Fit4	Outdoor Activities	2	0	2	PATH-FIT
								GEC 203	Ethics	3	0	3	None
TOTAL					22		TOTAL					25	



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THIRD YEAR

FIRST SEMESTER

SECOND SEMESTER

	CE 311	Structural Theory 1	3	1	4	BES 223		BES 321	Technopreneurship 101	3	0	3	3rd Year
	CE 312	Highway and	3	0	3	CE 211		CE 321	Building Systems	2	1	3	BES 121
	CE 313	Geotechnical	3	1	4	NS 221/		CE 322	Principles of Steel	2	1	3	CE 311

	BES 311	Engineering Management	2	0	2	3rd Year Standing		CE 323	Principles of Reinforced Concrete/ Prestressed Concrete	3	1	4	CE 311
	CEA 311	Eng'g Utilities 1	3	0	3	PS 121		CE 324	Hydrology	3	0	3	Co- Req.
	CEA 312	Eng'g Utilities 2	3	0	3	PS 121		CE 325	Hydraulics	4	1	5	BES 223
	BEM 311	Numerical Solutions	3	0	3	BEM 211							
TOTAL					22		TOTAL					21	
SUMMER													
	CE OJT	On-the-Job Training			3	4th Yr							

FOURTH YEAR

FIRST SEMESTER						SECOND SEMESTER							
	CE 411	CE Project 1	1	1	2	OJT		CE 421	CE Project 2	1	1	2	CE 411
	CE 412	Principles of	3	0	3	CE 312		CE 422	Quantity Surveying	1	1	2	CE 321
	CE 413	Geotechnical	3	0	3	CE 313		CE 423	CE Laws, Ethics and	2	0	2	4th Year
	CE 414	Construction	3	1	4	4th Year		CE 424	Bridge Engineering	3	0	3	4th Year
	CE 415	CE Seminar & Field	2	0	2	4th Year			Professional Course 4	3	0	3	CE 413
		Professional Course	3	0	3	CE 322			PROFESSIONAL	3	0	3	None
		Professional	3	0	3	CE 323			COURSE 5				
		Professional Course	3	0	3	CE 323							
TOTAL					23		TOTAL					15	