



Summary	Number of Units		
	Courses	Per CMO No. _____	Enhanced Curriculum
I. General Education		36	
A. GE Core			25
B. GE Elective			9
C. Mandated			3
II. Core Courses/Applied Sciences and Tool Subjects		38	19
III. Major Courses		99	59
IV. Cognates			
V. Elective Courses/Supervised Industrial Training			20
VI. Mandated Courses			14
VII. Institutional Courses			7
Total		173	156

FIRST YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Description	Lec.	L a b	Units	Pre-req.	Grades	Course No.	Description	Lec.	L a b	Units	Pre-req.
	GEE 102	GENDER AND DEVELOPMENT	3		3	NONE		GEC 101	PURPOSIVE COMMUNICATION	3	0	3	NONE
	GEC 108	SCIENCES, TECH. AND SOCIETY	3	0	3	NONE		GEC 107	THE COTEMPORARY WORLD	3	0	3	NONE
	GEC 106	ETHICS OREINTATION ON JHCSC POLICIES	1	0	1	NONE		GEE 101	LIVIN IN THE I.T ERA	3	0	3	NONE
		ADVANCE GRAMMAR IN ENGLISH	1	0	1	NONE		CS 11 LEC.	COMPUTER PROGRAMMING 1	2	0	2	EC 1
	ID 1	INDUSTRIAL DRAWING 1 (W/ CAD)	1	1	2	NONE		CS 11 LAB.	COMPUTER PROGRAMMING 1 (LAB)	0	1	1	CS10L
	PATHFIT 1	MOVEMENT COMPETENCY TRAINING	2	0	2	NONE		ID 2	INDUSTRIAL DRAWING 2 (W/ CAD 3D)	1	1	2	ID 1
	EC2	ENVIRONMENTAL SCIENCE	3	0	3	NONE		PATH FIT 2	EXERCISE PHYSICAL ACTIVITY	2	0	2	NONE
	DT 111	DRAFTING FUNDAMENTALS AND THEORY OF DESIGN	2	2	4	NONE		DT 121	NATIONAL AND INTERNATIONAL BUILDING CODE	2	0	2	NONE
	DT 112	OCCUPATIONAL HEALTH & SAFETY	2	1	3	NONE		DT 122	ARCHETECTURAL DRAFTING AND DESIGN	2	2	4	DT 111, DT 112
	NSTP 1	NATIONAL SERVICE TRAINING PROGRAM 1	3	0	3	NONE		NSTP 2	NATIONAL SERVICE TRAINING PROGRAM 2	3	0	3	NSTP 1
	TOTAL		25					TOTAL		25			

SECOND YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Description	Lec.	L a b	Units	Pre-req.	Grades	Course No.	Description	Lec.	L a b	Units	Pre-req.
	CC8	ETHICS	3	0	3	NONE		GEM 101	LIFE & WORKS OF RIZAL	3	0	3	NONE
	GEC 104	ART APPRECIATION	3	0	3	NONE		GEC 103	MATHEMATICS IN THE MODERN WORLD	3	0	3	NONE
		PHIL. INDIGENOUS PEOPLE AND PEACE STUDIES	3	0	3	NONE		GEE 103	THE ENTREPRENEURIAL MND	3	0	3	NONE
	AST 211	DIGITAL ELECTRONICS	1	1	2	NONE		AST 221	PROGRAMMABLE CONTROLS	1	1	2	AST 211
	AST 212	STRENGTH OF MATERIALS	3	0	3	NONE		AST 222	DIFRRENTIAL & INTEGRAL CALCULUS	3	0	3	CC4
	IT 211	TECHNOLOGY RESEARCH 1	3	0	3	PRIOR MAJOR SUBJECTS		IT 221	MATERIALS TECHNOLOGY MANAGEMENT	1	1	2	AST 212
	IT 212	INTELLECTUAL PROPERTY RIGHTS	3	0	3	NONE		IT 222	TECHNOLOGY RESEARCH 2	1	1	2	IT 211, 212
	DT 211	COMPUTER AIDED DRAFTING AND DESIGN	2	2	4	DT 122, DT 2		DT 221	STRUCTURAL DRAWING	2	2	4	DT 122
	DT 212	MACHINE DRAFTING AND DESIGN	2	2	4	DT 122		DT 222	CONTRUCTION ESTIMATES & PLANNING	2	2	4	DT 122
	PTH FIT 3	DANCE/ SPORTS/ RYTHMIC ACTIVITIES	2	0	2	NONE		PATH FIT 4	DANCE/ SPORTS/ RYTHMIC ACTIVITIES	2		2	
	TOTAL		30					TOTAL		28			

THIRD YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Description	Lec	Lab	Units	Pre-req.	Grades	Course No.	Description	Lec	Lab	Units	Pre-req.
	GEC 102	READING IN THE PHIL. HISTORY	3	0	3	NONE		GEC 105	UNDERSTANDING THE SELF	3	0	3	NONE
	AST 311	PNEUMATIC AND HYDRAULIC SYSTEMS	1	1	2	AST 221		AST 321	APPLIED THERMODYNAMICS	1	1	2	AST 311
	AST 312	LINEAR ALGEBRA	3	0	3	AST 222		IT 321	INDUSTRIAL ORGANIZATION & MANAGEMENT PRACTICES	3	0	3	IT 312
	AST 313	FOREIGN LANGUAGE(FRENCH, NIHONGGO, GERMAN, MANDARIN)	2	0	2	NONE		IT 322	BUSINESS MANAGEMENT	3	0	3	IT 312, EC 3
	IT 311	MANUFACTURING TECHNOLOGY	3	0	3	IT 221		IT 323	INDUSTRIAL PSYCHOLOGY	3	0	3	IT 312
	IT 312	HUMAN RESOURCES MANAGEMENT	3	0	3	NONE		IT 324	PRODUCTION MANAGEMENT	3	0	3	IT 311, 313
	IT 313	QUALITY CONTROL	3	0	3	IT 221		DT 321	LANDSCAPING & TOPOGRAPHIC MAP MAKING & READING	2	2	4	3 RD . YR. STANDING
	DT 311	ARCHITECTURAL MODELLING	2	2	4	3 rd . yr. STANDING		DT 322	HIGH RISE BUILDING DESIGN	2	2	4	DT 311
	DT 312	ELECTRICAL & PLUMMING DRAWING LAYOUT	2	2	4	DT 222			SEMINAR ON GE/ PROF ED/ MAJOR	3		3	
	TOTAL		27					TOTAL					

FOURTH YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Description	Lec	Lab	Units	Pre-req.	Grades	Course No.	Description	Lec	Lab	Units	Pre-req.
	OJT 1	SUPERVISED INDUSTRIAL TRAINING 1 (540HRS.)		10	10	ALL MAJOR		OJT 2	SUPERVISED INDUSTRIAL TRAINING (540HRS.)		10	10	OJT 1
	TOTAL			10				TOTAL			10		