



FIRST YEAR

1st Year - 1st Semester (Term 1)			
COURSE CODE	COURSES	UNITS	PRE-REQ
MATH100	Mathematics for Engineers	3	
MATH101	Calculus 1: Differential Calculus	3	
CHEM101R	Chemistry for Engineers Lec	3	
CHEM101L	Chemistry for Engineers Lab	1	
ENG201	IE Computer Fundamentals and Programming 1	2	
ENG101	Engineering Drawing 1	1	
GEN-MM	Mathematics in the Modern World	3	
PEP1	Personality Development	1	
NSTP1	NSTP 1	3	
PE1	Physical Activities towards Health and Fitness 1	2	
GENE-RES	GEC Elective 1 (Religions, Religious Experiences and Spirituality)	3	
TOTAL			25

1st Year - 2nd Semester (Term 2)			
COURSE CODE	COURSES	UNITS	PRE-REQ
MATH102	Calculus 2: Integral Calculus	3	MATH101
PHYS101R	Physics for Engineers Lec	3	MATH101
PHYS101L	Physics for Engineers Lab	1	MATH101
GEN-AA	Art Appreciation	3	
IEE101R	Statistical Analysis for IE 1 (Lec)	2	
IEE101L	Statistical Analysis for IE 1 (Lab)	1	
GEN-CW	The Contemporary World	3	
NSTP2	NSTP 2	3	
ENG102	Computer-Aided Drafting	1	ENG101
PEP2	Human Relations Development	1	PEP1
PE2	Physical Activities towards Health and Fitness 2	2	PE1
THEO1-NTC	Jesuit in the New Testament and Contemporary Times	3	GENE-RES
TOTAL			26

SECOND YEAR

2nd Year - 1st Semester (Term 3)			
COURSE CODE	COURSES	UNITS	PRE-REQ
PE3	Physical Activities towards Health and Fitness 3	2	PE2
MATH104	Differential Equations	3	MATH102
GEN-SS	Science, Technology, and Society	3	
ENG203	Engineering Mechanics	3	PHYS101R
IEE202R	Industrial Material and Processes (Lec)	2	CHEM101R, PHYS101R
IEE202L	Industrial Material and Processes (Lab)	1	CHEM101L, PHYS101L
GEN-ET	Ethics	3	
IEE206	Industrial Organization and Management	3	2nd Year Standing
IEE204	Statistical Analysis for IE 2	3	IEE101R, IEE101L
THEO2-CSM	The Church, Sacraments and its Mission	3	THEO1-NTC
TOTAL			26

2nd Year - 2nd Semester (Term 4)			
COURSE CODE	COURSES	UNITS	PRE-REQ
ENG206	Thermodynamics	3	PHYS101R, PHYS101L
IEE102	Principles of Economics	3	
IEE103	Financial Accounting	3	
IEE201	Advance Mathematics for IE	3	MATH104
IEE307R	Methods and Systems Engineering CIM (lec)	2	IEE206
IEE307L	Methods and Systems Engineering CIM (lab)	1	IEE206
GEN-US	Understanding Self	3	
PE4	Physical Activities towards Health and Fitness 4	2	PE3
ENG303	Technopreneurship	3	
THEO3-FAM	Marriage and Family Life	3	THEO2-CSM
TOTAL			26

THIRD YEAR

3rd Year - 1st Semester (Term 5)			
COURSE CODE	COURSES	UNITS	PRE-REQ
IEE301	Operation Research 1	3	IEE201
IEE205R	Work Study and Measurement (Lec)	3	IEE307R
IEE205L	Work Study and Measurement (Lab)	1	IEE307L
IEE303R	Ergonomics 1 Lec	2	IEE307R
IEE303L	Ergonomics 1 Lab	1	IEE307L
IEE501	IE Electives 1	3	3rd Year Standing
IEE502	IE Electives 2	3	3rd Year Standing
ENG207R	Elementary Electrical Engineering Lec	2	PHYS101R
ENG207L	Elementary Electrical Engineering Lab	1	PHYS101L
ECO101	Engineering Economics	3	IEE102
GEN-PC	Purposive Communication	3	
TOTAL			25

3rd Year - 2nd Semester (Term 6)			
COURSE CODE	COURSES	UNITS	PRE-REQ
IEE302	Operation Research 2	3	IEE301
IEE304R	Ergonomics 2 Lec	2	IEE303R
IEE304L	Ergonomics 2 Lab	1	IEE303L
IEE306	Operations Management	4	IEE301
IEE104	Managerial Accounting	3	IEE103
ENG302	Basic Occupational Safety and Health	3	
ENG208	Environmental Science	3	PHY101
IEE400	Methods of Research	3	
GEN-RP	Readings in Philippine History	3	
TOTAL			25

3rd Year - Summer Semester (Term 7)			
COURSE CODE	COURSES	UNITS	PRE-REQ
IEE410	On-the-Job Training (240 hours)	3	IEE302
TOTAL			3

FOURTH YEAR

4th Year - 1st Semester (Term 8)			
COURSE CODE	COURSES	UNITS	PRE-REQ
IEE401	Quality Management System	3	IEE204, IEE202
IEE503	IE Electives 3	3	IEE501
IEE504	IE Electives 4	3	IEE502
IEE406	Information Systems	3	ENG201
THEO4-CST	Social Teachings of the Church and Benedictine and Lay Apostolate	3	THEO3-FAM
IEE407	Systems Engineering	3	4th Year Standing
IEE405	Supply Chain Management	3	IEE306
IEE403	IE Capstone (Design) Project 1	1	4th Year Standing
TOTAL			22

4th Year - 2nd Semester (Term 9)			
COURSE CODE	COURSES	UNITS	PRE-REQ
GEN-JR	Life and Works of Rizal	3	
GENE-LIE	GEC Elective 3 (Living in the IT Era)	3	
GENE-ICC	GEC Elective 2 (Indigenous Creative Crafts)	3	
IEE402R	Project Feasibility (Lec)	2	IEE306, IEE104
IEE402D	Project Feasibility (Design)	1	IEE306, IEE104
IEE404	IE Capstone (Design) Project 2	2	IEE403
TOTAL			14

GRAND TOTAL: 192

IE ELECTIVES : 12 UNITS

COURSE CODE	COURSES	UNITS	PRE-REQ
IEE501	IE Electives 1 (Computer Aided Manufacturing)	3	
IEE502	IE Electives 2 (SIX SIGMA)	3	

COURSE CODE	COURSES	UNITS	PRE-REQ
IEE503	IE Electives 1 (Industrial Quality Control)	3	IEE501
IEE504	IE Electives 2 (Product Design and Development)	3	IEE502