

THIRD YEAR, 1st Semester

Subject Code	Subject Description	No. of Hours		Units	Pre-requisite/ (Corequisite)
		Lec	Lab		
IE 316	Operations Research 1	3	0	3	AdvMath
IE 317	Quality Management Systems	3	0	3	IE 225, IE 224
IE 318 Lec	Ergonomics 1	2	0	2	IE 224
IE 318 Lab	Ergonomics 1 Lab	0	3	1	IE 224
Thermo 1	Thermodynamics 1	3	0	3	Math 2
Mech 313	Engineering Mechanics	3	0	3	Phys Lec/Lab
Acctg 1	Financial Accounting	3	0	3	-
GEC-STS	Science, Technology, And Society	3	0	3	-
Eco	Principles of Economics	3	0	3	-
TOTAL		23	3	24	

THIRD YEAR, 2nd Semester

Subject Code	Subject Description	No. of Hours		Units	Pre-requisite/ (Corequisite)
		Lec	Lab		
IE 3219 Lec	Operations Research 2	2	0	2	IE 316
IE 3219 Lab	Operations Research 2 Lab	0	3	1	IE 316
IE 3220 Lec	Operations Management	3	0	3	IE 316, IE 317
IE 3220 Lab	Operations Management Lab	0	3	1	IE 316, IE 317
IE 3221 Lec	Ergonomics 2	2	0	2	IE 318
IE 3221 Lab	Ergonomics 2 Lab	0	3	1	IE 318
Tech	Technopreneurship 101	3	0	3	-
Acctg 2	Managerial Accounting	3	0	3	Acctg 1
Env Eng	Environmental Science	3	0	3	-
Rizal	Life and Works of Rizal	3	0	3	-
TOTAL		19	9	22	

THIRD YEAR, Summer/Mid-Year

Subject Code	Subject Description	No. of Hours		Units	Pre-requisite/ (Corequisite)
		Lec	Lab		
IE 3322	Project Feasibility 1	2	0	2	Acctg 2, IE 3220
IE 3323	Supply Chain Management	3	0	3	IE 3220
IE Elec 1	Industrial Engineering Elective 1	3	0	3	-
TOTAL		8	0	8	

FOURTH YEAR, 1st Semester

Subject Code	Subject Description	No. of Hours		Units	Pre-requisite/ (Corequisite)
		Lec	Lab		
IE 4124	IE Industry Immersion	0	500	5	4 th Year Standing
IE 4125	IE Capstone Project 1	1	3	1	4 th Year Standing
TOTAL		1	503	6	

FOURTH YEAR, 2nd Semester

Subject Code	Subject Description	No. of Hours		Units	Pre-requisite/ (Corequisite)
		Lec	Lab		
IE 4225	IE Capstone Project 2	0	4	2	4 th Year Standing
IE Elec 2	Industrial Engineering Elective 2	3	0	3	-
IE Elec 3	Industrial Engineering Elective 3	3	0	3	-
IE 4226	Information Systems	3	0	3	CpE 211, 4 th Year Standing
IE4227	Systems Engineering	3	0	3	4 th Year Standing; CpE 211
IE 4228	Field Trips and Seminars	0	3	1	-
SP	IE Review in Special Topics	3	0	3	-
FL	Foreign Language	3	0	3	-
IE 4229	Project Feasibility 2	0	3	1	IE 3322
TOTAL		18	10	22	

IE Electives:

Suggested Electives

Risk Management
Project Management
Lean Six Sigma