



UNIVERSITY OF PERPETUAL HELP SYSTEM DALTA
 Pamplona, Las Piñas City
COLLEGE OF ENGINEERING



REVISED FIVE YEAR ENGINEERING CURRICULUM
B.S. IN INDUSTRIAL ENGINEERING
EFFECTIVE SCHOOL YEAR 2000-2001

FIRST YEAR –FIRST SEMESTER

COURSE NO.	COURSE DESCRIPTION	LEC (hrs)	LAB (hrs)	UNITS	
_____	Math 114	College Algebra	4	0	4
_____	Math 113	Plane & Spherical Trigo	3	0	3
_____	Engl 100	English plus	(2)	0	(2)
_____	Chem 113	Gen. & Inorganic Chem 1 (lec)	3	0	3
_____	Chem 113 L	Gen. & Inorganic Chem 1 (lab)	0	3	1
_____	Draw 111	Engineering Drawing 1	0	3	1
_____	PE 100	Physical Fitness	0	2	2
_____	FCL 100	Filipino Christian 1	3	0	3
_____	Hum 1	Fundamentals of Logic	3	0	3
_____	NSL 1		<u> </u>	<u> </u>	<u>(3)</u>
			16(2)	8	20(3)

FIRST YEAR-SECOND SEMESTER

_____	Math 123	Plane and Solid Analytic Geometry	3	0	3
_____	Math 122	Solid Mensuration	2	0	2
_____	Engl 101	Communication Skills	3	0	3
_____	Chem 123	Gen. & Inorganic Chem 2 (lec)	3	0	3
_____	Chem 123L	Gen. & Inorganic Chem 2 (lab)	0	3	1
_____	Draw 121	Engineering Drawing 2	0	3	1
_____	PE 200	Rhythmics	0	2	2
_____	Soc Sci 003	Psychology	3	0	3
_____	FCL 200	Filipino Christian 2	3	0	3
_____	NSL 2		<u> </u>	<u> </u>	<u>(3)</u>
			17	8	21(3)

SECOND YEAR-FIRST SEMESTER

_____	Math 215	Differential Calculus	5	0	5
_____	Phys 213	Physics 1 (lec)	3	0	3
_____	Phys 231L	Physics 1 (lab)	0	3	1
_____	Engl 200	Technical Report Writing	3	0	3
_____	CS 002	Comp. Fund. & Programming (lec)	2	0	2
_____	CS 002L	Comp, Fund. & Programming (lab)	0	3	1
_____	Fil 113	Sining ng Pakikipagtalastasan	3	0	3
_____	PE 300	Ind/Dual Sports	0	2	2
_____	FCL 300	Filipino Christian 3 (Hum.2)	3	0	3
_____	Draw 211	Engineering Drawing 3	<u> </u>	<u> </u>	<u> </u>
			19	11	24

SECOND YEAR-SECOND SEMESTER

_____	Math 225	Integral Calculus	5	0	5
_____	Phys 223	Physics 2 (lec)	3	0	3
_____	Phys 223L	Physics 2 (lab)	0	3	1
_____	Engl 223	Public Speaking	3	0	3
_____	Fil 123	Panitikang Pilipino	3	0	3
_____	NC 203	Phil.. Gov't & New Constitution	3	0	3
_____	FCL 400	Filipino Christian 4	3	0	3
_____	PE 400	Team Sports	<u> </u>	<u> </u>	<u> </u>
			20	5	23

THIRD YEAR – FIRST SEMESTER

COURSE NO.	COURSE DESCRIPTION	LEC (hrs)	LAB (hrs)	UNITS	
_____	Mech 315	Engineering Mechanics	5	0	5
_____	Math 313	Differential Equations	3	0	3
_____	Stat 003	Methods of Research (w/ Prob. & Stat.)	3	0	3
_____	CE 312	Elementary Surveying (lec)	1	0	1
_____	CE 312F	Elementary Surveying (field)	0	3	1
_____	IE 313	Industrial Org. & Mgt .	3	0	3
_____	IE 333	Materials Science	3	0	3
_____	Rizal 003	Rizal's life, Works & Writings	3	0	3
_____	FCL 500	The Perpetualite: The Achiever	<u>3</u>	<u>0</u>	<u>3</u>
			24	3	25

THIRD YEAR – SECOND SEMESTER

_____	Mech 325	Strength of Materials	3	0	3
_____	Math 323	Advanced Engineering Math	3	0	3
_____	Math 343	Advanced Statistics	3	0	3
_____	Acctg 323	Accounting System 1	3	0	3
_____	IE 323	Principles of Economics	3	0	3
_____	IE 322	Industrial Processes (lec)	2	0	2
_____	IE 322L	Industrial Processes (lab)	0	3	1
_____	LRT 003	Land Reform and Taxation	3	0	3
_____	ME 313	Thermodynamics	3	0	3
_____	FCL 600	The Perpetualite and Society	<u>3</u>	<u>0</u>	<u>3</u>
			26	3	27

FOURTH YEAR –FIRST SEMESTER

_____	IE 413	Operations Research1	3	0	3
_____	IE 415	Methods Engineering (lec)	4	0	4
_____	IE 415 L	Methods Engineering (lab)	0	3	1
_____	IE 414	Engineering Economy	3	0	3
_____	IE 433	Marketing System	3	0	3
_____	Acctg 413	Accounting System	3	0	3
_____	Hum. 3	Development of Western Thought	<u>3</u>	<u>0</u>	<u>3</u>
			19	3	20

FOURTH YEAR –SECOND SEMESTER

_____	IE 423	Operations Research 2	3	0	3
_____	IE 443	Human Factors Engineering	3	0	3
_____	IE 463	Statistical Quality Control	3	0	3
_____	IE 400	Industrial Psychology	3	0	3
_____	IE 403	Environmental science	3	0	3
_____	Fin 400	Financial Management	3	0	3
_____	Soc Sci 403	Sociology w/ Family Planning	<u>3</u>	<u>0</u>	<u>3</u>
			21	0	21

FIFTH YEAR-FIRST SEMESTER

_____	IE 513	Production Planning & Control	3	0	3
_____	IE 533	Occupation Safety & Health	3	0	3
_____	IE 512	Project Feasibility Study 1 (lec)	2	0	2
_____	IE 512 L	Project Feasibility Study 1 (lab)	0	3	1
_____	IE 500	Practicum	0	3	1
_____	EE 313	Circuits 1	3	0	3
_____	CAD 002	Computer Aided Design for IE (lec)	1	0	1
_____	CAD 002D	Computer Aided Design for IE (lab)	<u>0</u>	<u>3</u>	<u>1</u>
			12	9	15

FIFTH YEAR-SECOND SEMESTER

_____	IE 523	Facilities Planning & Design	3	0	3
_____	IE 543	System Engineering	3	0	3
_____	IE 563	Information System	3	0	3
_____	IE 583	IE Laws, contracts, Spec. & Ethics	3	0	3
_____	IE 503	IE Seminars & Inspection Trip	0	3	1
_____	IE 521L	Project Feasibility Study 2 (lab)	<u>0</u>	<u>3</u>	<u>1</u>
			12	6	14