

PAMANTASAN NG CABUYAO

Curriculum

Katapatan Subd., Banaybanay, City of Cabuyao, Laguna

Industrial Engineering - (none)

2015

Course Code	Description	Lec Unit	Lab Unit	Pre-Requisite	Pro. Course
<u>1st yr/1st sem</u>					
NSTP1	National Service Training Program 1	3	0	None	NO
MATH2e	Plane & Spherical Trigonometry	3	0	None	NO
ENG1	Communication Skills 1	3	0	None	NO
CHEM1	General Chemistry	3	2	None	NO
FIL1	Komunikasyon sa Akademikong Filipino	3	0	None	NO
SOCSCI1	Sociology w/ Family Planning & HIV Education	3	0	None	NO
MATH1	College Algebra	3	0	None	NO
PE1	Foundation of Physical Education & Health	2	0	None	NO
		Total Units	23	2	
<u>1st yr/2nd sem</u>					
NSTP2	National Service Training Program 2	3	0	NSTP1;	NO
PE2	Gymnastics/Rhythmic Activities	2	0	PE1;	NO
FIL2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	FIL1;	NO
PHYSICS11e	Physics 1	3	1	MATH1; MATH2e;	NO
ENG2	Communication Skills 2	3	0	ENG1;	NO
MATH1a	Advanced Algebra	2	0	MATH1;	NO
MATH4e	Solid Mensuration	2	0	MATH1; MATH2e;	NO
DRAW1	Engineering & Technical Drawing 1	1	0	None	NO
MATH3	Analytic Geometry	3	0	MATH1; MATH2e;	NO
CSC1a	Computer Fundamentals & Programming 1	1	0	None	NO
		Total Units	23	1	
<u>2nd yr/1st sem</u>					
MATH5e	Differential Calculus	4	0	MATH1; MATH3; MATH4e;	NO
MATH1b	Discrete Mathematics	3	0	MATH1;	NO
PHYSICS12e	Physics 2	3	1	PHYSICS11e;	NO
PE3	Individual/Dual Sports	2	0	PE1;	NO
HIST2	Asian Civilization	3	0	None	NO

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CSC1b	Computer Fundamentals & Programming 2	1	0	CSC1a;	NO
HUM1	Introduction to Humanities	3	0	ENG2;	NO
ENG3	Fundamentals of Speech Communication	3	0	ENG2;	NO
Total Units		22	1		

2nd yr/2nd sem

HUM2	Art Education & Appreciation	3	0	HUM1;	NO
MATH6e	Integral Calculus	4	0	MATH5e;	NO
DRAW2	Computer Aided Drafting	1	0	DRAW1;	NO
MGT1	Engineering Management	3	0	2nd Year Standing	NO
ENG4	Business, Technical and Report Writing	3	0	ENG3;	NO
PE4	Team Sports	2	0	PE1;	NO
STAT1	Basic & Applied Statistics	3	0	MATH1;	NO
Total Units		19	0		

3rd yr/1st sem

ACCTG1a	Fundamentals of Accounting	3	0	MATH1;	NO
MECH1	Statics of Rigid Bodies	3	0	PHYSICS11e; MATH6e;	NO
MATH7	Differential Equations	3	0	MATH6e;	NO
ECO1	Principles of Economics w/ Agrarian Reform & Taxation	3	0	MATH1;	NO
STAT2	Advanced Statistics	3	0	STAT1;	NO
ENGECO	Engineering Economy	3	0	MATH1;	NO
STS	Science, Technology & Society	3	0	HUM2;	NO
Total Units		21	0		

3rd yr/2nd sem

ENGI100	Environmental Engineering	2	0	CHEM1; MGT1;	NO
MATH8	Advanced Engineering Mathematics	3	0	MATH7;	NO
RIZAL	Life & Works of Rizal	3	0	None	NO
THERMO	Basic Thermodynamics	3	0	PHYSICS12e; MATH6e;	NO
MECH2	Dynamics of Rigid Bodies	2	0	MECH1;	NO
SOCSCI2	Philippine Government & Constitution	3	0	SOCSCI1;	NO
ACCTG2a	Financial Accounting	3	0	ACCTG1a;	NO
Total Units		19	0		

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4th yr/1st sem

IE122	Methods Study	4	1	STAT2;	NO
IE101	Industrial Materials & Processes	2	1	CHEM1; PHYSICS11e; DRAW1;	NO
ACCTG3a	Managerial Accounting	3	0	ACCTG2a;	NO
IE11	Supply Chain Management	3	0	4th Year Standing	NO
IE111	Operations Research 1	3	0	MATH8;	NO
MECH3	Mechanics of Deformable Bodies	3	0	MECH2;	NO
PSYCHO	General Psychology	3	0	None	NO
Total Units		21	2		

4th yr/2nd sem

EE101	Elementary Electrical Engineering	3	0	PHYSICS12e;	NO
MGT2	Industrial Marketing Management	3	0	MGT1;	NO
IE112	Operations Research 2	2	1	IE122; IE11;	NO
ENG101	Safety Management	2	0	MGT1;	NO
IE12	Quality Management System	3	0	None	NO
IE123	Industrial Quality Control	3	0	STAT2;	NO
IE131	Ergonomics	2	1	IE122;	NO
Total Units		18	2		

4th yr/sum sem

ENG200	On-The-Job Training - 240 hours	1	0	4th Year Standing	NO
Total Units		1	0		

5th yr/1st sem

IE13	Lean Manufacturing	3	0	IE12;	NO
IE151a	Project Feasibility Study 1	2	0	IE112; (IE114a;)	NO
IE115	Special Topics in IE	3	0	5th Year Standing	NO
IE103	Information Systems	2	1	5th Year Standing	NO
IE114a	Industrial Engineering Research 1	1	1	IE112; (IE151a;)	NO
IE113	Production Systems	3	0	IE112;	NO
Total Units		14	2		

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5th yr/2nd sem

IE151b	Project Feasibility Study 2	1	0	IE151a;	NO
ENGI102	Engineering Values & Ethics	2	0	5th Year Standing	NO
IE114b	Industrial Engineering Research 2	1	0	IE114a;	NO
IE142	Systems Engineering	3	0	IE113;	NO
IE141	Facilities Planning & Design	3	0	IE113;	NO
IE14	Computer Aided Manufacturing	3	0	IE13;	NO
Total Units		13	0		