

PAMANTASAN NG CABUYAO

Curriculum

Katapatan Subd., Banaybanay, City of Cabuyao, Laguna

Electronics Engineering - (none)

2015

Course Code	Description	Lec Unit	Lab Unit	Pre-Requisite	Pro. Course
<u>1st yr/1st sem</u>					
CHEM1	General Chemistry	3	2	None	NO
SOCSCI1	Sociology w/ Family Planning & HIV Education	3	0	None	NO
NSTP1	National Service Training Program 1	3	0	None	NO
MATH2e	Plane & Spherical Trigonometry	3	0	None	NO
FIL1	Komunikasyon sa Akademikong Filipino	3	0	None	NO
MATH1	College Algebra	3	0	None	NO
PE1	Foundation of Physical Education & Health	2	0	None	NO
ENG1	Communication Skills 1	3	0	None	NO
	Total Units	23	2		
<u>1st yr/2nd sem</u>					
NSTP2	National Service Training Program 2	3	0	NSTP1;	NO
PHYSICS11e	Physics 1	3	1	MATH1; MATH2e;	NO
DRAW1	Engineering & Technical Drawing 1	1	0	None	NO
ENG2	Communication Skills 2	3	0	ENG1;	NO
MATH4e	Solid Mensuration	2	0	MATH1; MATH2e;	NO
MATH3	Analytic Geometry	3	0	MATH1; MATH2e;	NO
FIL2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	FIL1;	NO
MATH1a	Advanced Algebra	2	0	MATH1;	NO
PE2	Gymnastics/Rhythmic Activities	2	0	PE1;	NO
CSC1a	Computer Fundamentals & Programming	1	0	None	NO
	Total Units	23	1		
<u>2nd yr/1st sem</u>					
PE3	Individual/Dual Sports	2	0	PE1;	NO
MATH5e	Differential Calculus	4	0	MATH1a; MATH3; MATH4e;	NO
ENG3	Fundamentals of Speech Communication	3	0	ENG2;	NO
MATH1b	Discrete Mathematics	3	0	MATH1;	NO
CSC1b	Computer Fundamentals & Programming 2	1	0	CSC1a;	NO

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SOCSCI2	Philippine Government & Constitution	3	0	SOCSCI1;	NO
HIST2	Asian Civilization	3	0	None	NO
HUM1	Introduction to Humanities	3	0	ENG2;	NO
PHYSICS12e	Physics 2	3	1	None	NO
Total Units		25	1		

2nd yr/2nd sem

DRAW2	Computer Aided Drafting	1	0	DRAW1;	NO
ENG4	Business, Technical and Report Writing	3	0	ENG3;	NO
HUM2	Art Education & Appreciation	3	0	HUM1;	NO
MATH6e	Integral Calculus	4	0	MATH5e;	NO
MGT1	Engineering Management	3	0	2nd Year Standing	NO
PE4	Team Sports	2	0	PE1;	NO
RIZAL	Life & Works of Rizal	3	0	None	NO
MSENG	Fundamentals of Materials Science & Engineering	3	0	CHEM1; PHYSICS12e;	NO
STAT1	Basic & Applied Statistics	3	0	MATH1;	NO
Total Units		25	0		

3rd yr/1st sem

STS	Science, Technology & Society	3	0	HUM2;	NO
CIRCUIT11	Circuits 1	3	1	PHYSICS12e; MATH6e;	NO
VTR	Vector Analysis	3	0	PHYSICS12e; MATH6e;	NO
MECH1	Statics of Rigid Bodies	3	0	PHYSICS11e; MATH6e;	NO
MATH7	Differential Equations	3	0	MATH6e;	NO
ELECTR11B	Electronic Devices & Circuits	3	1	PHYSICS12e; MATH6e;	NO
ENGECON	Engineering Economy	3	0	3rd Year Standing	NO
Total Units		21	2		

3rd yr/2nd sem

MATH8	Advanced Engineering Mathematics	3	0	MATH7;	NO
THERMO	Basic Thermodynamics	3	0	PHYSICS12e; MATH6e;	NO
MECH2	Dynamics of Rigid Bodies	2	0	MECH1;	NO

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CIRCUIT12	Circuits 2	3	1	CIRCUIT11;	NO
ELECTR12	Electronic Circuits Analysis & Design	3	1	ELECTR11b;	NO
ENGI100	Environmental Engineering	2	0	CHEM1; MGT1;	NO
ECE112	Logic Circuits & Switching Theory	3	1	ELECTR11b;	NO
Total Units		19	3		

4th yr/1st sem

ECE102	Feedback & Control Systems	3	1	MATH8;	NO
ECE111	Electromagnetics	3	0	VTR;	NO
ECE121	Signals, Spectra & Signal Processing	3	1	STAT1; MATH8;	NO
NUMET	Numerical Methods	3	1	CSC1b; MATH8;	NO
ECE131	Principles of Communications	3	1	ELECTR12; ECE112;	NO
MECH3	Mechanics of Deformable Bodies	3	0	MECH2;	NO
Total Units		18	4		

4th yr/2nd sem

ENGI101	Safety Management	2	0	MGT1;	NO
ECE132	Digital Communications	3	1	ECE131;	NO
ECE101	Microprocessor Systems	3	1	CSC1b; ELECTR12; ECE112;	NO
ECE114	Industrial Electronics	3	1	ELECTR12;	NO
ECE113	Energy Conversion	3	1	CIRCUIT12; ECE111;	NO
Total Units		14	4		

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

ECE104a	ECE Enhancement Course 1	3	0	5th Year Standing	NO
ECE11	Broadcast Engineering	3	1	None(ECE141;)	NO
PSYCHO	General Psychology	3	0	None	NO
ECE151a	Design Project 1	1	0	5th Year	NO

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ECE103	ECE Laws, Contracts & Ethics	3	0	Standing 5th Year Standing	NO
ECE142	Data Communications	3	1	ECE132;	NO
ECE141	Transmission Media & Antenna System	3	1	ECE111; ECE132; (ECE11;)	NO
Total Units		19	3		

5th yr/2nd sem

ECE151b	Design Project 2	1	0	None	NO
ECE12	Electronic Navigational Aids	3	0	ECE141;	NO
ECE104b	ECE Enhancement Course 2	3	0	ECE104a;	NO
ECE13	Wireless Communications	3	0	ECE141; (ECE14;)	NO
ENG201	Seminars & Field Trips	1	0	5th Year Standing	NO
ECE14	Communication Systems Design	3	1	None(ECE13;)	NO
Total Units		14	1		