



Curriculum Checklist
BACHELOR OF SCIENCE in ELECTRONICS ENGINEERING

Name: _____ **Student No.:** _____
(Family Name) (Given Name) (M. I.)
Home Address: _____ **Contact No.:** _____
Email Address/FB Account: _____
Parent/Guardian’s Contact No.: _____

FIRST YEAR - First Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
			LEC	LAB		
	GEN ED 001	Purposive Communication	3	0	3	None
	GEN ED 004	Mathematics in Modern World	3	0	3	None
	MATH 114	Calculus 1	4	0	4	None
	MATH ENHANCE 1	College Algebra & Calculus	3	0	3	None
	PHYS 1	Physics for Engineers 1**	3	3	4	None
	CHEM 11	Chemistry for Engineers**	3	3	4	None
	CAD 111	Computer-Aided Drafting *	0	3	1	None
	PE 112	(PATHFIT) Movement Competency Training	2	0	2	None
	NSTP 113	CWTS, LTS, MTS (Naval or Air Force) - 1	3	0	3	None
		TOTAL	24	9	27	

Note: Enhancement Course is not included in the computation of General Weighted Average.
*Comp. Subject with computer fee. ** Subjects with laboratory fee

Name and Signature of Evaluator

FIRST YEAR - Second Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
			LEC	LAB		
	GEN ED 002	Understanding the Self	3	0	3	None
	GEN ED 008	Science, Technology & Society	3	0	3	None
	MATH 124	Calculus 2	4	0	4	MATH 114
	MATH ENHANCE 2	Analytic Geometry & Solid Mensuration	3	0	3	MATH EN 1
	PHYS 2	Physics 2**	3	3	4	PHYS 1
	MSE 123	Materials Science and Engineering	3	0	3	CHEM 11
	MGT 122	Engineering Management	2	0	2	None
	PE 122	(PATHFIT) Fitness Training	2	0	2	None
	NSTP 123	CWTS, LTS, MTS (Naval or Air Force) - 2	3	0	3	NSTP 113
		TOTAL	26	3	27	

Note: Enhancement Course is not included in the computation of General Weighted Average.
*Comp. Subject with computer fee. ** Subjects with laboratory fee

Name and Signature of Evaluator

SECOND YEAR - First Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
			LEC	LAB		
	GEN ED 007	The Contemporary World	3	0	3	None
	GEN ED 003	Readings in Philippine History	3	0	3	None
	MATH 213	Differential Equations	3	0	3	MATH 124
	ECE 214	Circuits 1**	3	3	4	PHYS 124 MATH 124
	ECE 234	Electronics1:Electronic Devices & Circuits**	3	3	4	PHYS 124 MATH 124 Co-Req: ECE 214
	COMP 212	Computer Programming *	0	6	2	None
	PE 212	(PATHFIT) Dance Sports. Group Exercises, Outdoor and Adventures Activities	2	0	2	None
	EDA 213	Engineering Data Analysis	4	0	4	None
		TOTAL	20	12	25	

Note: *Comp. Subject with computer fee. ** Subjects with laboratory fee

Name and Signature of Evaluator

SECOND YEAR - Second Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
			LEC	LAB		
	GEN ED 005	Art Appreciation	3	0	3	None
	GEN ED 006	Ethics	3	0	3	None
	ECE 223	Advanced Engineering Mathematics for ECE*	3	3	4	MATH 213
	ECE 224	Circuits 2 **	3	3	4	ECE 214
	ECE 244	Electronics 2:Electronic Circuit Analysis and Design **	3	3	4	ECE 234, Co-req: ECE 224
	ECE 264	Communications 1: Principles of Communication Systems **	3	3	4	ECE 214, ECE 234 Co-req: ECE 244
	ECE 284	Electromagnetics	4	0	4	MATH 213 Co-req: ECE 224
	PE 222	(PATHFIT) Dance Sports. Group Exercises, Outdoor and Adventures Activities	2	0	2	None
		TOTAL	24	12	28	

Note: *Comp. Subject with computer fee. ** Subjects with laboratory fee

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THIRD YEAR - First Semester

GRADE			COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
					LEC	LAB		
			FIL 001	Akademiko sa Wikang Filipino	3	0	3	None
			ECE 314	Digital Electronics 1: Logic Circuits and Switching Theory **	3	3	4	ECE 224, ECE 244
			ECE 334	Electronics 3: Electronic Systems and Design **	3	3	4	ECE 244, ECE 224, ECE 264
			ECE 354	Signals, Spectra, Signal Processing **	3	3	4	ECE 223, ECE 224, ECE 264
			ECE 374	Communications 2: Modulation and Coding Techniques **	3	3	4	ECE 223, ECE 224, ECE 264
			ECON 313	Engineering Economics	3	0	3	MATH EN 1
				TOTAL	18	12	22	

Note: ** Subjects with laboratory fee

Name and Signature of Evaluator

THIRD YEAR - Second Semester

GRADE			COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
					LEC	LAB		
			FIL 002	Pagbasa at Pagsulat sa Iba't-Ibang Disiplina	3	0	3	None
			ECE 324	Communications 3: Transmission Media and Antenna System & Design	3	3	4	ECE 374
			ECE 344	Communications 4: Data Communications	3	3	4	ECE 374
			ECE 364	Digital Electronics 2: Microprocessor, Microcontroller Systems & Design **	3	3	4	ECE 314, COMP 212
			ECE 384	Feedback and Control Systems **	3	3	4	ECE 223, ECE 354
			ECE 383	Methods of Research	3	0	3	None
				TOTAL	18	12	22	

Note: ** Subjects with laboratory fee

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Summer

GRADE			COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS	UNITS	PRE-REQUISITES
			ECE 303	On the job Training	240	3	3 RD YEAR STANDING

FOURTH YEAR - First Semester

GRADE			COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
					LEC	LAB		
			RIZAL 001	Rizal's Life and Works	3	0	3	None
			ECE 413	Technopreneurship 101 for ECE	3	0	3	ECON 313
			ECE 411	Design 1 /Capstone Project 1 **	0	3	1	ECE 383 ECE 374 ECE 364
			ECE 414	ECE Elective 1 **	3	3	4	ECE 334 ECE 374 ECE 364
			ENV 413	Environmental Science and Engineering	3	0	3	None
			ECE 433	ECE Laws, Contracts, Ethics, Standards & Safety	3	0	3	4 th Year Standing
				TOTAL	15	6	17	

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FOURTH YEAR - Second Semester

GRADE			COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITES
					LEC	LAB		
			LIT 001	Panitikang Filipino	3	0	3	None
			ECE 401	Seminars/Colloquium	0	3	1	4 th Year Standing
			ECE 421	Design 2 /Capstone Project 2 **	0	3	1	ECE 411
			ECE 424	ECE Elective 2 **	3	3	4	ECE 414
			ECE 422	Special Topics **	0	6	2	4 th Year Standing
			DRR 113	Disaster Risk Reduction & Education in Emergencies	3	0	3	None
				TOTAL	9	15	14	

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Professional Courses- Specialized ECE ELECTIVE	SUMMARY:	No. of Units
Telecommunication	General Education Courses	36
Micro Electronics	Professional Education Courses	75
Power Electronics	Specialization Courses	40
Biomedical Electronics	Major Elective	8
Instrumentation & Control	Apprenticeship	3
Building info. & Comm. Tech.	Math Enhancement	6
Infrastructure	DRR (Add-on)	3
Computer	PE	8
Broadcasting	NSTP	6
	TOTAL	185