

Bachelor of Science in Electronics Engineering

FIRST YEAR

1-First Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
BEED1-2	Engineering Drawing	2
CHEM1-3 LEC	General Chemistry (Lecture)	3
CHEM1-1L	General Chemistry (Laboratory)	1
ENG 1-3	English Language Proficiency	3
FIL1-3	Komunikasyon sa Akademikong Filipino	3
MATH1E-3a	College Algebra	3
MATH2E-3	Plane and Spherical Trigonometry	3
NSTP1-3	Theory: Civic Welfare Training Service/ Literacy Training Service/Military Training	3
PE1-2	Fitness and Conditioning	2
THEO 1A-3	Philosophical Anthropology	<u>3</u>
		26

1-Second Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
BECAD2-1	Computer-aided Drafting	1
ENG2-3	Paragraph Writing, Composition Writing and Research Writing	3
FIL 2-3	Pagbasa at Pagsulat Tungo sa Pananaliksik	3
MATH1E-28	Advanced Algebra	2
MATH3E-3	Analytic Geometry	3
MATH4E-2	Solid Mensuration	2
NSTP 2-3	Theory: Civic Welfare Training Service/ Literacy Training Service/Military Training	3
PE 2-2	Fundamentals of Rhythmic Activities	2
PHYSE 1-3	College Physics 1 (Lecture)	3
PHYSE 1-1L	College Physics 1 (Laboratory)	1
THEO 2A-3	Christology	<u>3</u>
		26

SECOND YEAR

2-First Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
CpE4-3	Discrete Mathematics	3
MATH5E-4	Differential Calculus	4
ENG3E-3	Technical Communication	3
BECF3-2L	Computer Fundamentals and Programming Laboratory	2
PE 3-2	Fundamentals of Individual/Dual Sports	2
PHYSE2-3	College Physics Lecture	3
PHYSE 2-1L	College Physics 2 Laboratory	1

SOCSCI11B-3	Society, Culture and Family Planning	3
ECE 1A-1L	Introduction to Electronics: Circuit Drafting and Design	1
THEO3A-3	Church and Sacraments	<u>3</u>
		25

THIRD YEAR

3-First Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
BESRB4-3	Statistics of Rigid Bodies	3
ECEVA1-3	Vector Analysis	3
LIT 1-3	Philippine Literature with Emphasis on Kapampangan Lit	3
MATH8E-3	Differential Equations	3
PSYCH1A-3	General Psychology	3
ECE 2-3	Electronic Circuit Analysis and Design (Lec)	3
ECE 2-1L	Electronic Circuit Analysis and Design (Lab)	1
EE 2-3	Electric Circuits 2 (Lecture)	3
EE2-1L	Electric Circuits 2 (Laboratory)	<u>1</u>
		21

3-Second Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
BEDRB6-2	Dynamics of Rigid Bodies	2
BEESM1-3	Environmental Engineering and Safety Management	3
BEMDB7-3	Mechanics of Deformable Bodies	3
ECEAdM1-3	Advanced Engineering Mathematics for ECE	3
ECE2A-3	Operational Amplifiers (Lecture)	3
ECE2A-1L	Operational Amplifiers (Laboratory)	1
ECE8-3	Industrial Electronics (Lecture)	3
ECE8-1L	Industrial Electronics (Laboratory)	1
ECE3-3	Electromagnetics	3
SOCSCI2-3	Contemporary National Development	<u>3</u>
		25

FOURTH YEAR

4-First Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
BEME1-3	Thermodynamics	3
CpE8-3	Logic Circuits & Switching Theory (Lecture)	3
CpE8-1L	Logic Circuits & Switching Theory (Laboratory)	1
ECE 5-3	Principles of Communications (Lecture)	3
ECE5-1L	Principles of Communications (Laboratory)	1
ECE 6-3	Energy Conversion (Lecture)	3
ECE6-1L	Energy Conversion (Laboratory)	1
ECEEE1-3	Engineering Economy	3
ECEEL1-3	ECE Elective 1	3

HIST2-3	Life and Works of Rizal	3
HUM1-3	Art Education and Appreciation	<u>3</u>
		27

4-Second Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
BEEM1-3	Engineering Management	3
ECE7-3	Digital Communications(Lecture)	3
ECE7-1L	Digital Communications(Laboratory)	1
ECE4-3	Signal, Spectra and Signal Processing(Lecture)	3
ECE4-1L	Signal, Spectra and Signal Processing (Laboratory)	1
ECEEC1-3	ECE Enhancement Course 1	3
ECENM1-3	Numerical Methods (Lecture)	3
ECENM1-1L	Numerical Methods (Laboratory)	<u>1</u>
		21

4-Summer

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
ECE PRACTICUM	On the Job Training (240 hrs)	<u>2</u>
		2

FIFTH YEAR

5-First Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
CPE17-3	Microprocessor System (Lecture)	3
CPE17-1L	Microprocessor System (Laboratory)	1
ECE9-3	Transmission Media and Antenna Systems (Lecture)	3
ECE9-1L	Data Communications 1 (Laboratory)	1
ECE13A-3	Data Communications 1 (Lecture)	3
ECE10-3	ECE Laws Contracts and Ethics	3
ECEEL3-3	ECE Elective 3	3
ME2-3	Feedback and Control Systems(Lecture)	3
ME2-1L	Feedback and Control Systems (Laboratory)	1
THESIS1-3	Thesis Writing 1 (Methods of Research)	<u>1</u>
		23

5-Second Semester

<u>Course Code</u>	<u>Course Description</u>	<u>Units</u>
BESFT1-1	Seminars and Field Trips	1
ECE13B-3	Data Communications 2 (Lecture)	3
ECE13B-1L	Data Communications 2 (Laboratory)	1
ECEEC2-3	ECE Enhancement Course 2	3
ECEEL4-3	ECE Elective 4	3
ECE14-3	Wireless Communications	3
THESIS2-1	Thesis Writing 2	<u>1</u>
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