



Republic of the Philippines
EASTERN VISAYAS STATE UNIVERSITY



COLLEGE OF TECHNOLOGY
Tacloban City

BACHELOR OF INDUSTRIAL TECHNOLOGY (BINDTECH)
Major in Electronics Technology
(Based on CMO #13, s. 2023)

FIRST YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 113	Occupation Safety and Health	3	0	3	NONE
	ELX 135	Electronic Devices 1	2	6	5	NONE
	ELX 153	Electronic Communication 1	2	3	3	NONE
	ELX 173	Electronics CAD	1	3	2	NONE
	TECH 112	Industrial Drawing	1	3	2	NONE
	GEN. ED. 004	Mathematics in the Modern World	3	0	3	NONE
	P.E. 112	Movement Competency Training (PATHFIT 1)	2	0	2	NONE
	NSTP 113	CWTS, LTS, MTS/ROTC	3	0	3	NONE
Total			18	15	23	

Evaluated by: _____ Date _____

FIRST YEAR (Second Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 123	Electronic Devices 2	2	3	3	ELX113
	ELX 143	Electronic Communication 2	2	3	3	ELX 133
	ELX 163	Digital Electronics	2	3	3	ELX 153
	MSC 001	Comprehensive Mathematics	5	0	5	NONE
	MSC 002	Chemistry for Industrial Technologists	3	0	3	NONE
	TECH 123	Introduction to Information Technology	3	0	3	NONE
	P.E. 122	Fitness Training (PATHFIT 2)	2	0	2	PE 112
	NSTP 123	CWTS, LTS, MTS/ROTC	3	0	3	NSTP 1
Total			22	9	25	

Evaluated by: _____ Date _____

SUMMER

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	GEN. ED. 002	Understanding the Self	3	0	3	NONE
	GEN. ED. 008	Science, Society and Technology	3	0	3	NONE
	Rizal 001	Rizal's Life and Works	3	0	3	NONE
Total			9	0	9	

Evaluated by: _____ Date _____

SECOND YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 213	Instrumentation and Process Control	2	3	3	ELX 123
	ELX 233	Sensor Technology	2	3	3	ELX 143
	ELX 253	Electronics Laws and Standards	2	3	3	ELX 163
	TECH 213	Computer Programming	2	3	3	TECH 123
	MSC 003	Physics for Industrial Technologists	2	3	3	NONE
	GE EL 001	General Education Elective 1	3	0	3	NONE
	GEN. ED. 006	Ethics	3	0	3	NONE
	P.E. 212	Dance, Sport, Martial Art, Group Exercise, Outdoor and Adventure Activities (PATHFIT 3)	2	0	2	PE 122
Total			20	15	25	

Evaluated by: _____ Date _____

SECOND YEAR (Second Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 223	Multimedia System	2	3	3	ELX 213
	ELX 243	Industrial Electronics	2	3	3	ELX 233
	ELX 263	Electro-pneumatic Systems	2	3	3	ELX 253
	GEN.ED.005	Art Appreciation	3	0	3	NONE
	GEN.ED.007	The Contemporary World	3	0	3	NONE
	TECH 223	Materials Technology Management	3	0	3	NONE
	TECH 243	Quality Control and Assurance	3	0	3	NONE
	P.E. 222	Dance, Sport, Martial Art, Group Exercise, Outdoor and Adventure Activities (PATHFIT 4)	2	0	2	PE 212
Total			20	9	23	

Evaluated by: _____ Date _____

SUMMER

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	HVACRT 202	Educational Tour/Field Trip	0	0	2	NONE
	DRRM 113	Disaster Risk Reduction and Management	3	0	3	NONE

Evaluated by: _____ Date _____

THIRD YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 313	Project Study 1 with Intellectual Property Rights	2	3	3	ELX 223
	ELX 333	Programmable Controllers	2	3	3	ELX 243
	TECH 313	Industrial Organization and Management	3	0	3	NONE
	TECH 333	Industrial Psychology	3	0	3	NONE
	GE EL 002	General Education Elective 2	3	0	3	NONE
	GEN ED 003	Reading in the Philippine History	3	0	3	NONE
	TECH 353	Foreign Language	3	0	3	NONE
Total			19	6	21	

Evaluated by: _____ Date _____

THIRD YEAR (Second Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 323	Project Study 2	2	3	3	ELX 313
	ELX 343	Industrial Robotics	2	3	3	ELX 333
	ELX 363	Innovations in Electronics Technology	2	3	3	ELX 353
	TECH 323	Technopreneurship	3	0	3	NONE
	TECH 343	Production Management	3	0	3	NONE
	GE EL 003	General Education Elective 3	3	0	3	NONE
	GEN. ED. 001	Purposive Communication	3	0	3	NONE
Total			20	12	24	

Evaluated by: _____ Date _____

FOURTH YEAR (First Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 416	Student Internship Program 1		600	6	Completed Academic Requirements
Total					6	

Evaluated by: _____ Date _____

FOURTH YEAR (Second Semester)

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/ WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	ELX 426	Student Internship Program 2		600	6	ELX 416
Total					6	

Evaluated by: _____ Date _____

SUMMARY BACHELOR OF INDUSTRIAL TECHNOLOGY (BINDTECH-ELX)			
Classification/Field	Total No. of Hours		Total No. of Units
	Lecture	LT/FW/D	
I. TECHNICAL COURSES			
A. Mathematics and Science Courses	9	6	11
B. Applied Courses	23	9	29
C. Professional Courses	41	1,257	74
Sub-total:	76	1,272	114
II. NON-TECHNICAL COURSES			
A. Required General Education Courses	24	0	24
B. General Education Electives	9	0	9
C. Mandated Course	3	0	3
D. Physical Education	8	0	8
E. National Service Training Program	6	0	6
Sub-total:	50	0	50
GRAND TOTAL:	126	1,272	164

The following courses are included on the curriculum based on the corresponding CMOs:

CMO No. 20 S.2023 (General Education Elective Courses)

Arts and Humanities	Social Science & Philosophy	Mathematics, Science & Technology
Great Books Philippine Popular Culture Indigenous Creative Crafts Reading Visual Arts	Regions, Religious Experiences and Spirituality Philippine Indigenous Communities Gender and Society The Entrepreneurial Mind	Environmental Science People and Earth's Ecosystem Human Reproduction Living in IT Era

CMO No. 39 S. 2021 (Physical Activity towards Health and Fitness (PATHFIT) Courses)

RATHEIT Courses	Descriptive Title
PE 112 (1)	Movement Competency Training
PE 122 (2)	Fitness Training
PE 212 (3)	Dance, Sports, Martial Arts, Group Exercises, Outdoor & Adventure Activities
PE 222 (4)	Dance, Sports, Martial Arts, Group Exercises, Outdoor & Adventure Activities