

	<b>EASTERN VISAYAS STATE UNIVERSITY</b>		
	Tacloban City		
	Title of Form: <b>CURRICULUM CHECKLIST</b>	Control No.	EVSU-ACA-F-0006
		Revision No.	00
Date		November 6, 2019	

BINDTECH  
 Bachelor of Industrial Technology  
 Implemented first Semester AY 2024-2025  
 Based on CMO No. 13 S. 2023  
 Approved by BOR with Resolution No. 2024-031

**BACHELOR OF INDUSTRIAL TECHNOLOGY**  
**Major in Mechanical Technology**  
 (Effective A.Y. 2024-2025)

**FIRST YEAR**  
**First Semester**

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 113	Occupational Safety and Health	3	0	3	NONE
	MT 133	Bench working and Sheet Metalwork Processes	2	3	3	NONE
	MT 153	Basic Arc and Gas Welding	2	3	3	NONE
	MT 173	Metrology	2	3	3	NONE
	Tech 112	Industrial Drawing	1	3	2	NONE
	Gen Ed 004	Mathematics in the Modern World	3	0	3	NONE
	PE 112	Movement Competency Training (PATHFIT 1)	2	0	2	NONE
	NSTP 113	National Service Training Program 1	3	0	3	NONE
<b>SUB TOTAL:</b>			<b>18</b>	<b>12</b>	<b>22</b>	

**FIRST YEAR**  
**Second Semester**

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 123	Drilling and Grinding Processes	2	3	3	MT 133
	MT 143	Plumbing and Pipe Bending	2	3	3	MT 133
	MT 163	Mechanical Tech. CAD	2	3	3	MT 133
	MSC 001	Comprehensive Mathematics	5	0	5	NONE
	MSC 002	Chemistry for Industrial Technologists	2	3	3	NONE
	TECH 123	Introduction to Information Technology	2	3	3	
	GEN. ED. 002	Understanding the Self	3	0	3	
	P.E 122	Fitness Training (PATHFIT 2)	2	0	2	PE 112
	NSTP 123	CWTS, LTS, MTS/ROTC	3	0	3	NSTP 1
<b>SUB TOTAL:</b>			<b>23</b>	<b>15</b>	<b>28</b>	

SECOND YEAR  
First Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 213	Metallurgy and Heat Treatment	2	3	3	MT 123
	MT 233	Basic Lathe Machine Operation	2	3	3	MT 133
	MT 253	Pipefitting and Pattern Development	2	3	3	MT 143
	TECH 213	Computer Programming	2	3	3	
	MSC 003	Physics for Industrial Technologists	2	3	3	
	GE EL 001	Indigenous Creative Crafts	3	0	3	
	GEN. ED. 006	Ethics	3	0	3	
	GEN. ED. 008	Science, Society and Technology	3	0	3	
	P.E 212	Dance, Sport, Martial Arts, Group Exercises, Outdoor and Adventure Activities (PATHFIT 3)	2	0	2	PE 122
<b>SUB TOTAL:</b>			<b>21</b>	<b>15</b>	<b>26</b>	

SECOND YEAR  
Second Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 223	Blueprint Reading and Estimate	2	3	3	MT 173
	MT 243	Advance Lathe Work	2	3	3	MT 233
	MT 263	Basic CNC Lathe Machine Operation	2	3	3	MT 233
	MT 202	Educational Tour/Field Trip	2	0	2	
	GEN.ED.005	Art Appreciation	3	0	3	
	GEN.ED.007	The Contemporary World	3	0	3	
	TECH 223	Materials Technology Management	3	0	3	
	TECH 243	Quality Control and Assurance	3	0	3	
	P.E. 222	Dance, Sport, Martial Arts, Group Exercises, Outdoor and Adventure Activities (PATHFIT 4)	2	0	2	PE 212
<b>SUB TOTAL:</b>			<b>22</b>	<b>9</b>	<b>25</b>	

THIRD YEAR  
First Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 313	Project Study 1 with Intellectual Property Rights	2	3	3	
	MT 333	Milling and Shaping Processes	2	3	3	MT 123
	MT 353	Pneumatics	2	3	3	MT 263
	TECH 313	Industrial Organization and Management	3	0	3	
	TECH 333	Industrial Psychology	3	0	3	
	GE EL 002	Living in IT Era	3	0	3	
	GEN ED 003	Reading in the Philippine History	3	0	3	
	TECH 353	Foreign Language	3	0	3	
	Rizal 001	Rizal's Life and Works	3	0	3	
<b>SUB TOTAL:</b>			<b>24</b>	<b>9</b>	<b>27</b>	

THIRD YEAR  
Second Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	NO. OF HOURS/WEEK		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 323	Project Study 2	2	3	3	MT 313
	MT 343	Basic CNC Milling	2	3	3	MT 333
	MT 363	Electro-discharge Machine EDM	2	3	3	MT 353
	MT 383	Hydraulics	2	3	3	MT 353
	TECH 323	Technopreneurship	3	0	3	3 <sup>RD</sup> YEAR STANDING
	TECH 343	Production Management	3	0	3	
	GE EL 003	Gender & Society	3	0	3	
	GEN. ED. 001	Purposive Communication	3	0	3	
	DRRM 113	Disaster Risk Reduction and Management	3	0	3	
<b>SUB TOTAL:</b>			<b>23</b>	<b>12</b>	<b>27</b>	

FOURTH YEAR  
First Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	TOTAL NO. OF HOURS		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 416	Student Internship Program 1	0	600	6	Completed Academic Requirements
<b>SUB TOTAL:</b>				<b>600</b>	<b>6</b>	

FOURTH YEAR  
Second Semester

GRADE	COURSE NO.	DESCRIPTIVE TITLE	TOTAL NO. OF HOURS		UNITS	PRE-REQUISITE
			LEC	LAB		
	MT 426	Student Internship Program 2	0	600	6	MT 416
<b>SUB TOTAL:</b>				<b>600</b>	<b>6</b>	

<b>Arts and Humanities</b>	<b>Social Science and Philosophy</b>	<b>Mathematics, Science and Technology</b>
Indigenous Creative Crafts	Gender & Society	Living in IT ERA

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

PATHFIT 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

SUMMARY BACHELOR OF INDUSTRIAL TECHNOLOGY (BINDTECH-MT)	
Classification/Field	Total No. of Units
<b>I. TECHNICAL COURSES</b>	
A. Mathematics and Science Courses	11
B. Applied Courses	29
C. Professional Courses	74
<b>Sub-total:</b>	<b>114</b>
<b>II. NON-TECHNICAL COURSES</b>	
A. Required General Education Courses	24
B. General Education Electives	9
C. Mandated Course	6
D. Physical Education	8
E. National Service Training Program	6
<b>Sub-total:</b>	<b>53</b>
<b>GRAND TOTAL:</b>	<b>167</b>

Submitted by:

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Approved by:

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