

**BACHELOR OF TECHNOLOGY AND LIVELIHOOD EDUCATION MAJOR IN INDUSTRIAL  
ARTS (BTLEd-Industrial Arts)**

(List of Courses by Semester)  
BOR Resolution No. 129, Series of 2018

**First Year, First Semester**

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TLE101	Introduction to Industrial Arts 1	3	3	0	3	None	None
IAE100	Basic Drafting	2	2	0	2	None	IAE100.1
IAE100.1	Basic Drafting Laboratory	1	0	3	3	None	IAE100
IAE101	Civil Technology 1	2	2	0	2	None	IAE101.1
IAE101.1	Civil Technology 1 Laboratory	1	0	3	3	None	IAE101
CPE100	The Child and Adolescent Learners and Learning Principles	3	3	0	3	None	None
FIL101	Wika at Kultura sa Mapayapang Lipunan	3	3	0	3	None	None
GEC105	Readings in Philippine History	3	3	0	3	None	None
FPE101	Fundamentals of Peace Education	3	3	0	3	None	None
PED001	Exercise Prescription and Management	2	2	0	2	None	None
NST001	National Service Training Program 1	(3)	3	0	3	None	None
<b>Total</b>		<b>23 (26)</b>	<b>24</b>	<b>6</b>	<b>30</b>		

**First Year, Second Semester**

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TLE102	Introduction to Industrial Arts 2	3	3	0	3	TLE101	None
IAE102	Fundamentals of Electrical Technology	2	2	0	2	IAE100	IAE102.1
IAE102.1	Fundamentals of Electrical Technology Laboratory	1	0	3	3	IAE100.1	IAE102
IAE103	Civil Technology 2	2	2	0	2	IAE101	IAE103.1
IAE103.1	Civil Technology 2 Laboratory	1	0	3	3	IAE101.1	IAE103
GEC106	Art Appreciation	3	3	0	3	None	None
GEC101	Understanding the Self	3	3	0	3	None	None
GEC102	Purposive Communication	3	3	0	3	None	None
CPE101	The Teaching Profession	3	3	0	3	None	None
NST002	National Service Training Program 2	(3)	3	0	3	NST001	None
PED002	Dance / Martial Arts	2	2	0	2	PED001	None
<b>Total</b>		<b>23 (26)</b>	<b>24</b>	<b>6</b>	<b>30</b>		

**Second Year, First Semester**

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TLE103	Home Economics Literacy	3	3	0	3	None	None
IAE104	Applied Electrical Technology	2	2	0	2	IAE102	IAE104.1
IAE104.1	Applied Electrical Technology Laboratory	1	0	3	3	IAE102.1	IAE104
IAE105	Fundamentals of Automotive Technology	2	2	0	2	IAE102	IAE105.1
IAE105.1	Fundamentals of Automotive Technology Laboratory	1	0	3	3	IAE102.1	IAE105
IAE106	Fundamentals of Electronics Technology	2	2	0	2	IAE102	IAE106.1
IAE106.1	Fundamentals of Electronics Technology Laboratory	1	0	3	3	IAE102.1	IAE106
FIL102	Ekokritisismo at Pagpapahalaga sa Kalikasan	3	3	0	3	None	None
CPE105	Assessment in Learning 1	3	3	0	3	CPE100	None
TVE100	The Teacher and the Community, School Culture and Organizational Leadership with focus on the Philippine TVET System	3	3	0	3	CPE101	None
PED003	Individual/Dual/Sports/Traditional/Recreational Games	2	2	0	2	PED001	None
	<b>Total</b>	<b>23</b>	<b>20</b>	<b>9</b>	<b>29</b>		

**Second Year, Second Semester**

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TLE104	Family and Consumer Life Skills	3	3	0	3	None	None
IAE107	Domestic Refrigeration and Air-Conditioning	2	2	0	2	IAE102	IAE107.1
IAE107.1	Domestic Refrigeration and Air-Conditioning Laboratory	1	0	3	3	IAE102.1	IAE107
IAE108	Digital Electronics Technology	2	2	0	2	IAE106	IAE108.1
IAE108.1	Digital Electronics Technology Laboratory	1	0	3	3	IAE106.1	IAE108
IAE109	Graphic Arts	2	2	0	2	None	IAE109.1
IAE109.1	Graphic Arts Laboratory	1	0	3	3	None	IAE109
GEC107	Ethics	3	3	0	3	None	None
CPE103	Foundation of Special and Inclusive Education	3	3	0	3	CPE100	None
TVE101	Facilitating Learner-Centered Teaching: The Learner-Centered Approaches with Emphasis on Trainers Methodology 1	3	3	0	3	TVE100	None
TVE103	Assessment in Learning 2 with focus on Trainers Methodology 1 and 2	3	3	0	3	CPE105	None
PED004	Team Sports	2	2	0	2	PED001	None
	<b>Total</b>	<b>26</b>	<b>23</b>	<b>9</b>	<b>32</b>		

### Third Year, First Semester

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TLE105	Introduction to ICT 1	2	2	0	2	None	TLE105.1
TLE105.1	Introduction to ICT 1 Laboratory	1	0	3	3	None	TLE105
TLE106	Agri-Fishery Arts 1	2	2	0	2	None	TLE106.1
TLE106.1	Agri-Fishery Arts 1 Laboratory	1	0	3	3	None	TLE106
IAE110	Metalworks	2	2	0	2	IAE100	IAE110.1
IAE110.1	Metalworks Laboratory	1	0	3	3	IAE100.1	IAE110
IAE111	Applied Automotive Technology	2	2	0	2	IAE105	IAE111.1
IAE111.1	Applied Automotive Technology Laboratory	1	0	3	3	IAE105.1	IAE111
GEC104	Mathematics in the Modern World	3	3	0	3	None	None
CPE107	Technology for Teaching and Learning 1	2	2	0	2	CPE100	CPE107.1
CPE107.1	Technology for Teaching and Learning 1 Laboratory	1	0	3	3	CPE100	CPE107
HIS003	History of Filipino Muslims and Indigenous Peoples of MINSUPALA	3	3	0	3	None	None
CPE198	Research Methods	3	3	0	3	TVE103	None
<b>Total</b>		<b>24</b>	<b>19</b>	<b>15</b>	<b>34</b>		

### Third Year, Second Semester

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TLE107	Introduction to ICT2	2	2	0	2	TLE105	TLE107.1
TLE107.1	Introduction to ICT2 Laboratory	1	0	3	3	TLE105.1	TLE107
TLE108	Agri-Fishery Arts 2	2	2	0	2	TLE106	TLE108.1
TLE108.1	Agri-Fishery Arts 2 Laboratory	1	0	3	3	TLE106.1	TLE108
TLE109	Technology for Teaching and Learning 2	2	2	0	2	CPE107	TLE109.1
TLE109.1	Technology for Teaching and Learning 2 Laboratory	1	0	3	3	CPE107.1	TLE109
IAE112	Commercial Refrigeration and Air-Conditioning	2	2	0	2	IAE107	IAE112.1
IAE112.1	Commercial Refrigeration and Air-Conditioning Laboratory	1	0	3	3	IAE107.1	IAE112
TTE100.1	Seminar on Occupational Health and Safety Laboratory	2	0	6	6	IAE111	None
TVE104	Curriculum Development and Evaluation with Emphasis on Trainers Methodology 2	3	3	0	3	TVE100	None
TVE105	Building and Enhancing New Literacies Across the Curriculum with Emphasis on the 21 <sup>st</sup> Century Skills	3	3	0	3	TVE100	None
TTE199	Undergraduate Thesis	3	3	0	3	CPE198	None
<b>Total</b>		<b>23</b>	<b>17</b>	<b>18</b>	<b>35</b>		

**Third Year, Summer**

Course No.	Course Title	Units	Hours/Term			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TTE187	Supervised Industrial Training	3	0	250	250	TTE100.1	None
<b>Total</b>		<b>3</b>	<b>0</b>	<b>250</b>	<b>250</b>		

**Fourth Year, First Semester**

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
TLE110	Entrepreneurship in Technology Education	3	3	0	3	None	None
FIL103	Inobasyon sa Wikang Filipino	3	3	0	3	None	None
GEC103	The Contemporary World	3	3	0	3	None	None
GEC109	Life and Works of Rizal	3	3	0	3	None	None
ELC101	Field Study 1: Observations of Teaching-Learning in Actual School Environment	3	3	0	3	TVE105	ELC102
ELC102	Field Study 2: Participation and Teaching Assistantship	3	3	0	3	TVE105	ELC101
GEC108	Science, Technology and Society	3	3	0	3	None	None
<b>Total</b>		<b>21</b>	<b>21</b>	<b>0</b>	<b>21</b>		

**Fourth Year, Second Semester**

Course No.	Course Title	Units	Hours/Week			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
ELC197	Teaching Internship	6	0	40	40	ELC102	None
<b>Total</b>		<b>6</b>	<b>0</b>	<b>40</b>	<b>40</b>		

**Grand Total: 172 (178) units**