



**NORTHWESTERN MINDANAO STATE COLLEGE OF SCIENCE AND TECHNOLOGY**

**LABUYO, TANGUB CITY**

**Bachelor of Technical Vocational Teacher Education (BTVTEd)**

**Major in Welding and Fabrication Technology**

BOT Res. No. 48 S. 2017

CHED Memo Order 79 S. 2017

Effective S.Y. 2018 – 2019



**First Year – First Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	Pur Comm	Purposive Communication	3	3	0	0	3	
	Envi Sci	Environmental Science	3	3	0	0	3	
	Arts	Philippine Popular Culture	3	3	0	0	3	
	Hum 11	Art Appreciation	3	3	0	0	3	
	Soc Sci 11	Understanding the Self	3	3	0	0	3	
	Ethics	Ethics	3	3	0	0	3	
	Hist 11	Readings in Philippine History	3	3	0	0	3	
	Path Fit. 1	Movement Competency Training	2	2	0	0	2	
	NSTP 1	National Service Training Program	(3)	(3)	0	0	(3)	
	<b>Total</b>		<b>23</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>23</b>	

**First Year- Second Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	Con World	The Contemporary World	3	3	0	0	3	
	MMW	Mathematics in the Modern World	3	3	0	0	3	
	STS	Science, Technology and Society	3	3	0	0	3	
	GAS	Gender and Society	3	3	0	0	3	
	Rizal	Life and Works of Rizal	3	3	0	0	3	
	Educ. 101	The Child and Adolescent Learners and Learning Principles	3	3	0	0	3	
	Educ. 102 A	Building and Enhancing New Literacies Across the Curriculum with Emphasis on the 21 <sup>st</sup> Century Skills	3	3	0	0	3	
	Path. Fit. II	Fitness Training	2	2	0	0	2	P.E. 1
	NSTP 2	National Service Training Program	(3)	(3)	0	0	(3)	NSTP 1
	<b>Total</b>		<b>23</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>23</b>	

**Second Year – First Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	Educ.	The Andragogy of Learning Including Principles of Trainers' Methodology I	3	3	0	0	3	
	Educ. 103 A	Facilitating Learner-Centered Teaching: The Learner-Centered Approaches with Emphasis on Trainers Methodology I	3	3	0	0	3	
	Educ. 104	Technology for Teaching and Learning I	3	3	0	0	3	
	Educ. 105	The Teaching Profession	3	3	0	0	3	
	Educ. 106	Assessment of Learning I	3	3	0	0	3	
	Fil. 103	Mga Anyo ng Kontemporaryong Panitikang Pilipino	3	3	0	0	3	
	IIA	Introduction to Industrial Arts	3	3	0	0	3	
	IAFA	Introduction to Agri-Fishery Arts	3	3	0	0	3	
	WFT 1	Shielded Metal Arc Welding NC1	2	2	1	3	3	
	WFT 2	Other process and Application of Welding	2	2	1	3	3	
	Path. Fit. III	Dance/ Sports/ Group Exercises 1	2	2	0	0	2	P.E .2
	<b>Total</b>		<b>30</b>	<b>30</b>	<b>2</b>	<b>6</b>	<b>32</b>	

**Second Year – Second Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	Educ. 107A	Assessment in Learning II with focus on Trainers Methodology I & II	3	3	0	0	3	Educ.106
	Educ. 108A	The Teacher and the Community, School Culture and Organizational Leadership with focus on the Philippine TVET System	3	3	0	0	3	
	Educ. 109	Foundation of Special and Inclusive Education	3	3	0	0	3	
	Entrep	Entrepreneurship	3	3	0	0	3	
	HE Lit.	Home Economics Literacy	3	3	0	0	3	
	ICT	Teaching ICT as an Exploratory Course	2	2	1	3	3	
	WFT 3	Welding Structural Framework	2	2	1	3	3	
	WFT 4	Arc Welding with Common Metals	2	2	1	3	3	
	Path. Fit. IV	Dance/ Sports/ Group Exercises 2	2	2	0	0	2	PE 3
	<b>Total</b>		<b>23</b>	<b>23</b>	<b>3</b>	<b>9</b>	<b>26</b>	

**Third Year – First Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	Educ. 110A	Curriculum Development and Evaluation with Emphasis on Trainers Methodology II	3	3	0	0	3	
	Stat. 101	Advanced Statistics	3	3	0	0	3	
	TLE	Technology for Teaching and Learning II	3	3	0	0	3	
	TCCIA	Teaching the Common Competencies in Industrial Arts	3	3	0	0	3	
	TCCICT	Teaching the Common Competencies in ICT	3	3	0	0	3	
	WFT 5	Shielded Metal Arc Welding NCII	3	3	0	0	3	
	WFT 6	Arc Cutting	3	3	0	0	3	
	WFT 7	Principles of TIG Welding	2	2	1	3	3	
	WFT 8	TIG Welding Practices	2	2	1	3	3	
	JEEP 1	Job Enabling English Proficiency Accelerate 1	3	3	0	0	3	
	<b>Total</b>		<b>28</b>	<b>28</b>	<b>2</b>	<b>6</b>	<b>30</b>	

**Third Year – Second Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	TCCAFA	Teaching the Common Competencies in Agri-Fishery Arts	3	3	0	0	3	
	TCCHE	Teaching the Common Competencies in Home Economics	3	3	0	0	3	
	TM	Work-based Learning with Emphasis on Trainers' Methodology	3	3	0	0	3	
	WFT 9	OXY-Acetylene Welding	2	2	1	3	3	
	WFT 10	Techniques and Practices	2	2	1	3	3	
	WFT 11	Principles of MIG Welding Processes	3	3	0	0	3	
	WFT 12	MIG Welding with Common Metal	3	3	0	0	3	
	Research 101	Research Methods	2	2	1	3	3	
	JEEP 2	Job Enabling English Proficiency Accelerate 2	3	3	0	0	3	<i>JEEP 1</i>
	<b>Total</b>		<b>24</b>	<b>24</b>	<b>3</b>	<b>9</b>	<b>27</b>	

**Summer**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab. Eq.H	Total Units	Pre- Requisites
	Practicum	Supervised Industrial Training	0	0	3	240	3	

**Fourth Year – First Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	Research 102	Undergraduate Thesis/Research Paper/Research Project	0	0	3	9	3	<i>Research 101</i>
	Field Study 1	Observations of Teaching-Learning in Actual School Environment	0	0	3	9	3	<i>All Prof. Ed. Subjects</i>
	Field Study 2	Participation and Teaching Assistantship	0	0	3	9	3	<i>All Prof. Ed. Subjects</i>
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>6</b>	<b>27</b>	<b>9</b>	

**Fourth Year – Second Semester**

Grade	Course Number	Descriptive Title	Lecture Units	Lec. Eq. H	Lab Units	Lab Eq.H	Total Units	Pre- Requisites
	Educ. 111	Teaching Internship	0	0	6	40	6	<i>Field Study 1 &amp; 2</i>
	Educ. 112	Curriculum Enhancement	3	3	0	0	3	<i>Educ. 111</i>
	<b>Total</b>		<b>3</b>	<b>3</b>	<b>6</b>	<b>40</b>	<b>9</b>	

**Summary**

	Minimum Req.	Actual Number of Units
Gen. Educ. Courses	- 36	36
Prof. Educ. Courses	- 54	57
Major Courses	- 69	69
Mandated Courses (PE and NSTP)	- 14	14
Filipino	- 3	3
Institutional Requirement	-	9

**TOTAL UNITS** - 176 188