



**SURIGAO STATE COLLEGE OF TECHNOLOGY**  
**Surigao City**  
**BACHELOR OF TECHNICAL TEACHER EDUCATION**  
**(Ladderized Education Program)**  
**MAJOR IN MECHANICAL TECHNOLOGY**

NAME: \_\_\_\_\_ A.Y. Admitted: \_\_\_\_\_  
 Address: \_\_\_\_\_ ID Number: \_\_\_\_\_

**FIRST YEAR - FIRST SEMESTER**

GRADE	Course No.	DESCRIPTIVE TITLE	Lect	Lab	Units	PREREQUISITE
	<i>MT 111</i>	<i>Benchwork (Basic-Complex)</i>	2	9	5	<i>None</i>
	<i>MT 112</i>	<i>Basic Welding</i>	1	6	3	<i>None</i>
	<i>English 111</i>	<i>Comm. Arts(Study &amp; Thinking Skills)</i>	3	0	3	<i>None</i>
	<i>Filipino 111</i>	<i>Kom. Sa Akademikong Filipino</i>	3	0	3	<i>None</i>
	<i>Math 111</i>	<i>College Algebra</i>	3	0	3	<i>None</i>
	<i>Nat. Sci. 111</i>	<i>Biological Science</i>	3	0	3	<i>None</i>
	<i>Soc, Sci. 111</i>	<i>Gen.Psyco.including Pop.Ed.</i>	3	0	3	<i>None</i>
	<i>Drawing 111</i>	<i>Fundamental of Tech:l.Skchng/Drwng/BPR</i>	0	6	2	<i>None</i>
	<i>PE 111</i>	<i>Self Testing Activities</i>	2	0	2	<i>None</i>
	<i>NSTP 111</i>	<i>National Service Training Program 1</i>	3	0	3	<i>None</i>
<b>TOTAL</b>					<b>30 units</b>	

**FIRST YEAR - SECOND SEMESTER**

GRADE	Course No.	DESCRIPTIVE TITLE	Lect	Lab	Units	PREREQUISITE
	<i>MT 121</i>	<i>Lathe Turning Process(Basic-Intermediate)</i>	2	9	5	
	<i>MT 122</i>	<i>Basic Metallurgy</i>	1	6	3	
	<i>ICT 121</i>	<i>Info.&amp; Communication Tech.</i>	2	3	3	
	<i>Nat. Sci.,121</i>	<i>Earth Science</i>	3	0	3	
	<i>Math 121</i>	<i>Plane and Spherical Trigonometry</i>	3	0	3	
	<i>English 121</i>	<i>Speech and Oral Comm. w/ JEEP 1</i>	1.5	4.5	3	
	<i>Filipino 121</i>	<i>Pagbasa at Pagsulat Tungo sa Pananaliksik</i>	3	0	3	
	<i>P.E. 121</i>	<i>Rythmic Activities</i>	2	0	2	
	<i>NSTP 121</i>	<i>National Service Training Program 1</i>	3	0	3	
<b>TOTAL</b>					<b>28 units</b>	

**SECOND YEAR - FIRST SEMESTER**

GRADE	Course No.	DESCRIPTIVE TITLE	Lect	Lab	Units	PREREQUISITE
	<i>MT 211</i>	<i>Miling Process(Basic -intermediate)</i>	2	9	5	
	<i>MT 212</i>	<i>Metrology</i>	1	6	3	
	<i>Nat. Sci. 211</i>	<i>Physics(Mechanic, Heat and Waves)</i>	3	3	4	
	<i>Humanities 211</i>	<i>Logic with Work Ethics</i>	3	0	3	
	<i>Literature 211</i>	<i>Survey of Philippine Literature</i>	3	0	3	
	<i>Soc. Sci. 211</i>	<i>Life and Works of Rizal</i>	3	0	3	
	<i>Filipino 211</i>	<i>Retorika/Masiningna Pagpapahayag</i>	3	0	3	
	<i>Educ. 211</i>	<i>Child and Adolescent Psychology</i>	3	0	3	
	<i>JEEP 02</i>	<i>Job Enabling English Proficiency</i>	1.5	4.5	3	
	<i>P.E. 211</i>	<i>Fundamental of Games and Sports</i>	2	0	2	
<b>TOTAL</b>					<b>32 units</b>	

**SECOND YEAR - SECOND SEMESTER**

GRADE	Course No.	DESCRIPTIVE TITLE	Lect	Lab	Units	PREREQUISITE
	<i>MT 221</i>	<i>Grinding Principle &amp; Process(Basic-Com.)</i>	3	9	6	
	<i>MT 222</i>	<i>Advanced Heat Treatment</i>	1	6	3	
	<i>English 221</i>	<i>Tech:l.Writing in the Discipline including Fund. Of Research w/ JEEP 01</i>	1.5	4.5	3	
	<i>Educ. 221</i>	<i>Social Dimension of Education</i>	3	0	3	
	<i>Soc Sci. 221</i>	<i>Politics,Governance &amp; Phil. Constitution</i>	3	0	3	
	<i>Soc. Sci.222</i>	<i>Philippine History, Roots &amp; Dev:l.</i>	3	0	3	
	<i>Educ. 222</i>	<i>Facilitating Learning</i>	3	0	3	
	<i>Soc.Sci. 223</i>	<i>Basic Economics w/ TAR &amp; Entrep</i>	3	0	3	
	<i>P.E. 221</i>	<i>Recreational Act. For College Students</i>	2	0	2	
<b>TOTAL</b>					<b>29 units</b>	

**TVET EXIT POINT: QUALIFICATION: Machining NC II**

**Summer**

	IIM 1	Industry Immersion 1		30	5	
<b>Total</b>				<b>270hrs.</b>		

**THIRD YEAR - FIRST SEMESTER**

	Course No.	DESCRIPTIVE TITLE	Lect	Lab	Units	PREREQUISITE
	<i>MT 311</i>	<i>Fitting and Machining 1</i>	2	9	5	
	<i>MT 312</i>	<i>CAD 2D(Mechanical)</i>	1	9	4	
	<i>MT 313</i>	<i>Applied Hydraulics and Pneumatics</i>	2	0	2	
	<i>MT 314</i>	<i>Seminar and Field Trips</i>	0	0	1	
	<i>Educ 311</i>	<i>Principles of Teaching</i>	3	0	3	
	<i>Educ. 312</i>	<i>Strategies of Teaching</i>	3	0	3	
	<i>Educ. 313</i>	<i>Educational Tech. 1</i>	3	0	3	
	<i>Educ. 314</i>	<i>Assessment of Students Learning 1</i>	3	0	3	
	<i>FS 1</i>	<i>The Learners Development &amp; Environment</i>	1	0	1	
	<i>FS 2</i>	<i>Experiencing Teaching Learning Process</i>	1	0	1	
	<i>FS 3</i>	<i>Tech. in the Learning Environment</i>	1	0	1	
	<i>ST 1</i>	<i>Integrative Teaching Strategies</i>	1	0	1	
	<i>ST2</i>	<i>Problem Based Education</i>	1	0	1	
	<i>JEEP 04</i>	<i>English Proficiency Accelerate 02</i>	1.5	4.5	3	
		Total			<b>32 units</b>	

**THIRD YEAR - SECOND SEMESTER**

<i>IIM 2</i>	<i>Industry Immersion 2</i>	540	10
	Total	540 hrs.	10

**FOURTH YEAR - FIRST SEMESTER**

GRADE	Course No.	DESCRIPTIVE TITLE	Lect	Lab	Units	PREREQUISITE
	<i>MT 411</i>	<i>Fitting and Machining 11</i>	2	9	5	
	<i>MT 412</i>	<i>CAD 3D(Mechanical)</i>	1	9	4	
	<i>Educ 411</i>	<i>The Teaching Prof. Includ Works Ethics</i>	3	0	3	
	<i>Educ 412</i>	<i>Educational Technology 2</i>	3	0	3	
	<i>Educ 413</i>	<i>Curriculum Dev'l including Proj. Dev'l</i>	3	0	3	
	<i>Educ 414</i>	<i>Assessments of Students Learning 2</i>	3	0	3	
	<i>Educ 415</i>	<i>Career Guidance Counseling</i>	3	0	3	
	<i>Educ 416</i>	<i>Special Research Project</i>	3	0	3	
	<i>FS 4</i>	<i>Exploring the Curriculum</i>	1	0	1	
	<i>FS 5</i>	<i>Learning Assessment Strategies</i>	1	0	1	
	<i>FS 6</i>	<i>On Becoming a Teacher</i>	1	0	1	
		Total			<b>30 units</b>	

TVET EXIT POINT Qualification: **Machining NC II**

**FOURTH YEAR - SECOND SEMESTER**

<i>Educ 421</i>	<i>Practice Teaching</i>	24	6	0
<i>ST 3</i>	<i>Student Teaching Congress</i>	1	1	<b>0</b>
<i>ES</i>	<i>Enhancement Sem. W/ LET Concerns</i>	5	0	<b>0</b>
	Total	30	7	<b>360hrs.</b>

Evaluated By: \_\_\_\_\_

Date: \_\_\_\_\_