



<b>ENGINEERING TECHNOLOGY</b> <b>ONE-YEAR CERTIFICATE PROGRAM</b>
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***WELDING TECHNOLOGY***  
***ONE-YEAR TECHNICAL CERTIFICATE***

TECHNICAL Course Number	Course Title	Credits	Completed Sem./Year
MST121	Blueprint Reading	2	
MST127	Principles of Welding	3	
MST128	Welding Lab	3	
MSTXX1	3G Welding Certification Exam Preparatory	2	
MSTXX2	6G Welding Certification Exam Preparatory	5	
MSTXX3	Preparatory Gas Tungsten Arc Welding-Titanium/Stainless Steel	5	
MSTXX4	Gas Tungsten Arc Welding-Titanium/Stainless Steel	3	
<b>TOTAL</b>		<b>23</b>	
BASIC/RELATED Course Number	Course Title	Credits	Completed Sem./Year
MTH101	Introduction to Algebra	4	
MTH128	Trigonometry	1	
AIT122	Machine Tools	3	
MET123	Material Science	2	
<b>TOTAL</b>		<b>10</b>	
<b>TOTAL CREDIT HOURS</b>		<b>33</b>	

***Welding ONE-YEAR TECHNICAL CERTIFICATE***

<u>First Semester</u>		<u>Credit Hours</u>	<u>Prerequisite</u>
MST121	Blueprint Reading	2	-
MTH101	Intro to Algebra	4	-
MST127	Principles of Welding	3	Co-MST128
MST128	Welding Lab	3	Co-MST127
AIT122	Machine Tools	<u>3</u>	-
		15	
<u>Second Semester</u>			
MTH128	Trigonometry	1	-
MSTXX1	3G Welding Certification Preparatory	2	MST127, MST128
MSTXX2	6G Welding Certification Preparatory	5	MST127, MST128
MSTXX3	Preparatory Gas Tungsten Arc Welding	<u>5</u>	MST127, MST128
		13	
<u>Third Semester</u>			
MET123	Material Science	2	-
MSTXX4	Gas Tungsten Arc Welding-Titanium/Stainless Steel	<u>3</u>	MSTXX3
		5	
<b>TOTAL CREDITS</b>		<b>33</b>	