



<h1 style="margin: 0;">ENGINEERING TECHNOLOGY</h1> <h2 style="margin: 0;">CERTIFICATE PROGRAM</h2>
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PREDICTIVE & PREVENTIVE MAINTENANCE TECHNOLOGY
ONE-YEAR TECHNICAL CERTIFICATE

TECHNICAL Course Number	Course Title	Credits	Completed Sem./Year
MST121	Blueprint Reading	2	
MST125	Basic Pumps	3	
MST126	Pipefitting Principles and Application	4	
MST134	Hydraulic & Pneumatic Systems	6	
MST221	Mechanical Drive Components	3	
EST130	Electrical Circuits and Devices	4	
AIT134	Predictive & Preventive Maintenance Technologies I	3	
AIT222	Predictive & Preventive Maintenance Technologies II	3	
TOTAL		28	

BASIC/RELATED Course Number	Course Title	Credits	Completed Sem./Year
ECA127	Programming Logic and Problem Solving	3	
MTH125	College Algebra	4	
MTH128	Trigonometry	1	
TOTAL		8	

TOTAL CREDIT HOURS		36	
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Predictive & Preventive Maintenance TECHNICAL CERTIFICATE

<u>Semester I</u>		<u>Credit Hours</u>	<u>Prerequisite</u>
MST121	Blueprint Reading	2	-
MST125	Basic Pumps	3	Co-Req: MTH101
MST221	Mechanical Drive Components	3	-
*MTH125	College Algebra	4	MTH101
MST126	Pipefitting Principles & Applications	<u>4</u>	-
		16	
<u>Semester II</u>			
MTH128	Trigonometry	1	MTH125
AIT134	Predictive & Preventive Maint. Tech I	3	-
MST134	Hydraulic & Pneumatic Systems	6	MTH101
EST130	Electrical Circuits and Devices	<u>4</u>	MTH101
		14	
<u>Semester III</u>			
ECA127	Programming Logic & Problem Solving	3	
AIT222	Predictive & Preventive Maint. Tech II	<u>3</u>	AIT134
		6	
TOTAL CREDITS		36	

* = Based on COMPASS score