

 <b>Stark State</b> COLLEGE	<h1 style="margin: 0;">ONE-YEAR CERTIFICATE</h1> <h1 style="margin: 0;">INDUSTRIAL MAINTENANCE</h1> <p style="font-size: small; margin: 5px 0;">The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.</p>	<b>2023-24 Catalog</b> Effective Summer 2023
		<b>4352</b>

*Business, Engineering, and Information Technologies Division*

*Industrial Technology Department*

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
AIT101	Basic Machines	2		
AIT134	Preventive and Predictive Maintenance	3		
MST121	Blueprint Reading	2		
MST134	Hydraulic and Pneumatic Systems <sup>^</sup>	4	MTH022 or MTH023 or Proficiency	
MST125	Basic Pumps	3		
MST221	Mechanical Drive Components	3		
AIT220	Industrial Robotics	4		
EST230	Electrical Circuits and Devices <sup>^</sup>	4	(MTH025 or Proficiency) or MTH107	
EET227	PLCs and Industrial Controls I	3	EET120 or EST230	
MST127	Principles of Welding	6		
<b>Total</b>		<b>34</b>		
NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar <sup>^^</sup>	1	<i>Take first semester</i>	
MTH107	Industrial Math <sup>^</sup>	3	(MTH021 or Proficiency) or Pre-Co- MTH007	
<b>Total</b>		<b>4</b>		
<b>TOTAL CREDIT HOURS</b>		<b>38</b>		

<sup>^</sup>Based on SSC placement scores.

<sup>^^</sup>To promote student success, this course should be taken in the first semester.

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FULL-TIME STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

Course Sequence

The semester-by-semester listing below provides the normal scheduling option for students seeking a one-year certificate.

<u>Summer Semester</u>		<u>Credit Hours</u>	<u>Pre- or Co-requisites</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
AIT134	Preventive and Predictive Maintenance	3	
MST121	Blueprint Reading	2	
MTH107	Industrial Math^	<u>3</u>	(MTH021 or Proficiency) or Pre-Co-MTH007
		<b>9</b>	
<u>Fall Semester</u>			
AIT101	Basic Machines	2	
AIT220	Industrial Robotics	4	
EST230	Electrical Circuits and Devices^	4	(MTH025 or Proficiency) or MTH107
MST125	Basic Pumps	3	
MST221	Mechanical Drive Components*	<u>3</u>	
		<b>16</b>	
<u>Spring Semester</u>			
EET227	PLCs and Industrial Controls I	3	EET120 or EST230
MST127	Principles of Welding	6	
MST134	Hydraulic and Pneumatic Systems^	<u>4</u>	MTH022 or MTH023 or Proficiency
		<b>13</b>	
	<b>TOTAL CREDITS</b>	<b>38</b>	

^Based on SSC placement scores.

^^To promote student success, this course should be taken in the first semester.

\*It is recommended that MST221 be taken during the first 8-week session so that MST125 can be taken during the second 8-week session.