

 	<b>ONE-YEAR CERTIFICATE</b> <b>WELDING TECHNOLOGY</b>	<b>2024-25 Catalog</b> Effective Summer 2024
	<i>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.</i>	<b>4309</b>

*Business, Engineering, and Information Technologies Division*

*Industrial Technology Department*

<b>TECHNICAL Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre- and Co-Requisites</b>	<b>Completed Sem./Year</b>
AIT228	Automated Welding and Fabrication	3	MST127 and AIT220	
MST127	Principles of Welding	6		
MST136	3G and 4G Welding Certification Exam Preparatory	4	MST127	
MST137	6G Welding Certification Exam Preparatory	4	MST136	
MST138	Preparatory Gas Tungsten Arc Welding	4	MST127	
MST139	Gas Tungsten Arc Welding	3	MST138	
MST227	Metallic Inert Gas Welding	3	MST127	
<b>Total</b>		<b>27</b>		
<b>NON-TECH Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre- and Co-Requisites</b>	<b>Completed Sem./Year</b>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>	
AIT103	Non-Destructive Testing	2		
AIT220	Industrial Robotics	4		
MST121	Blueprint Reading	2		
<b>Total</b>		<b>9</b>		
<b>TOTAL CREDIT HOURS</b>		<b>36</b>		

^Based on SSC placement scores

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

***Students completing this certificate may be eligible to also receive an Industrial Technology – 3G and 4G Welding Certification Exam Preparation Career Enhancement Certificate (4321), an Industrial Technology – 6G Welding Certification Exam Preparation Career Enhancement Certificate (4322), an Industrial Technology – Tungsten Inert Gas Welding Career Enhancement Certificate (4324) and an Industrial Technology – Welding Technology AWS\* Certification Exam Preparation Career Enhancement Certificate (4320).***

PART-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 who plan to finish in four semesters.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- or Co-requisite</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
AIT220	Industrial Robotics	4	
MST127	Principles of Welding	<u>6</u>	
		<b>11</b>	
 <u>Second Semester</u>			
MST121	Blueprint Reading	2	
AIT228	Automated Welding and Fabrication	3	MST127 and AIT220
MST136	3G and 4G Welding Certification Exam Preparatory	<u>4</u>	MST127
		<b>9</b>	
 <u>Third Semester</u>			
MST137	6G Welding Certification Exam Preparatory	4	MST136
MST138	Preparatory Gas Tungsten Arc Welding	<u>4</u>	MST127
		<b>8</b>	
 <u>Fourth Semester</u>			
AIT103	Non-Destructive Testing	2	
MST139	Gas Tungsten Arc Welding	3	MST138
MST227	Metallic Inert Gas Welding	<u>3</u>	MST127
		<b>8</b>	
	<b>TOTAL CREDITS</b>	<b>36</b>	

^Based on SSC placement scores  
 ^^To promote student success, this course should be taken in the first semester