

 	ONE-YEAR CERTIFICATE WELDING TECHNOLOGY	2022-23 Catalog Effective Summer 2022
	<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>	4309

Business, Engineering, and Information Technologies Division

Industrial Technology Department

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
MST121	Blueprint Reading	2		
MST127	Principles of Welding	3	Co-MST128	
MST128	Welding Laboratory	3	Co-MST127	
MST136	3G Welding Certification Exam Preparatory	2	MST127 and MST128	
MST137	6G Welding Certification Exam Preparatory	4	MST127 and MST128	
MST138	Preparatory Gas Tungsten Arc Welding	4	MST127 and MST128	
MST139	Gas Tungsten Arc Welding-Titanium/Stainless Steel	3	MST138	
MST140	4G Welding Certification Exam Preparatory	3	MST127 and MST128	
MST227	Metallic Inert Gas Welding	3	MST127 and MST128	
AIT103	Non-Destructive Testing	2		
Total		29		
NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>	
MTH107	Industrial Math^	3	(MTH021 or Proficiency) or Pre-Co-MTH007	
MET123	Material Science	3		
Total		7		
TOTAL CREDIT HOURS		36		

^Based on SSC placement scores

^^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>First Semester</u>		<u>Credit Hours</u>	<u>Pre- or Co-requisite</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
MST121	Blueprint Reading	2	
MTH107	Industrial Math^	3	(MTH021 or Proficiency) or Pre-Co-MTH007
MST127	Principles of Welding	3	Co-MST128
MST128	Welding Laboratory	3	Co-MST127
MET123	Material Science	<u>3</u>	
		15	
 <u>Second Semester</u>			
MST136	3G Welding Certification Exam Preparatory	2	MST127 and MST128
MST138	Preparatory Gas Tungsten Arc Welding	4	MST127 and MST128
MST140	4G Welding Certification Exam Preparatory	3	MST127 and MST128
MST227	Metallic Inert Gas Welding	<u>3</u>	MST127 and MST128
		12	
 <u>Third Semester</u>			
AIT103	Non-Destructive Testing	2	
MST137	6G Welding Certification Exam Preparatory	4	MST127 and MST128
MST139	Gas Tungsten Arc Welding-Titanium/Stainless Steel	<u>3</u>	MST138
		9	
	TOTAL CREDITS	36	

^Based on SSC placement scores

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