

 	<b>CAREER ENHANCEMENT CERTIFICATE</b> <b>INDUSTRIAL TECHNOLOGY – TUNGSTEN</b> <b>INERT GAS WELDING</b> <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>2025-26 Catalog</b> Effective Summer 2025  <div style="font-size: 2em; font-weight: bold;">4324</div>
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*Business, Engineering, and Information Technologies Division*

*Industrial Technology Department*

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
AIT103	Non-Destructive Testing	2		
MST127	Principles of Welding	6		
MST136	3G and 4G Welding Certification Exam Preparatory	4	MST127	
MST138	Preparatory Gas Tungsten Arc Welding#	4	MST127	
MST139	Gas Tungsten Arc Welding♦	3	MST138	
MST227	Metallic Inert Gas Welding	3	MST127	
	<b>TOTAL CREDIT HOURS</b>	<b>22</b>		

### 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.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
MST127	Principles of Welding	6	
AIT103	Non-Destructive Testing	<u>2</u>	
		<b>8</b>	
<u>Second Semester</u>			
MST136	3G and 4G Welding Certification Exam Preparatory	4	MST127
MST138	Preparatory Gas Tungsten Arc Welding#	<u>4</u>	MST127
		<b>8</b>	
<u>Third Semester</u>			
MST227	Metallic Inert Gas Welding	3	MST127
MST139	Gas Tungsten Arc Welding♦	<u>3</u>	MST138
		<b>6</b>	
	<b>TOTAL CREDITS</b>	<b>22</b>	

#Prerequisite of satisfactory welding required prior to course enrollment

♦AWS testing available at applicable course completion

*The classes in this certificate also apply toward the completion of a Welding Technology One-Year Certificate (4309) and an Industrial Technology Degree (4300).*