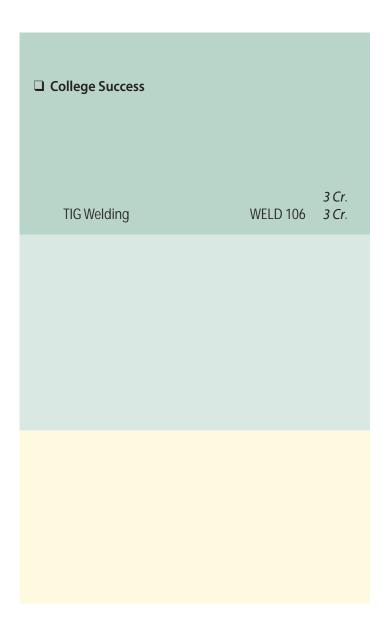
Welding, A.A.S.

This program provides the background, skills, knowledge, understanding and techniques needed to produce quality weldments. Students gain knowledge of various materials and an understanding of the e ects that heat and stress have on welded materials. Students should develop su cient skills for American Welding Society Certication.

2 Years



You should meet with an academic counselor prior to registering for classes.

Prerequisite courses may apply to this program. A minimum of 60 unduplicated credits (100 level or higher) are required for all associate degree programs.

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This is suggested course sequend	cing. Please s	ee a couns	elor or advisor for individual adjustments.	
 □ College Success □ Freshman English I □ Industrial Applied Algebra □ Fundamentals of Welding □ Choose 1 MIG Welding TIG Welding 	GNST 100 ENGL 100 INDS 122 WELD 101 WELD 105 WELD 106	3 Cr. 3 Cr. 2 Cr. 3 Cr. 3 Cr. 3 Cr.	□ Choose 1 Survey of General Chemistry CHEM 105 College Physics I PHYS 230 □ Humanities Requirement □ Basic Machine Operations INDS 129 □ Choose 1 American Political System POLI 240 United States History to 1865 HIST 250 United States History Since 1865 HIST 251 if student wants HIST251, swap with communication required □ Test Plate Welding WELD 255	
 Electrical Circuit Analysis Mathematics Requirement Industrial Documentation & Management Choose 1 MIG Welding TIG Welding Welding Fabrication & Design Courses in italics may be taken in the statement of the st	ATMN 110 TDSN 107 WELD 105 WELD 106 WELD 265	3 Cr. 4 Cr. 4 Cr. 3 Cr. 3 Cr. 3 Cr.	 □ Communication Requirement □ Metallurgy & Heat Treatment INDS 130 □ Welding Automation WELD 275 □ Pipe Welding WELD 285 □ Elective(s) in ATMN, INDS, TDSN or WELD as near to get to 60 credit hours 	3 Cr. 2 Cr. 3 Cr. 3 Cr. eded

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5 Years

This is suggested course sequenc	ing. Please s	ee a coun	selor or advisor for individual adjustments.	
☐ Success Skills for the 21st Century☐ Freshman English I	GNST 100 ENGL 100	3 Cr. 3 Cr.	□ Choose 1 Survey of General Chemistry CHEM 105 4 Cr. College Physics I PHYS 230 3 Cr. □ Basic Machine Operations INDS 129 4 Cr.	
☐ Fundamentals of Welding☐ Choose 1☐ MIG Welding☐ TIG Welding☐ ☐ Figure 1 ☐ Figure 1 ☐ Figure 2 ☐	WELD 101 WELD 105 WELD 106	3 Cr. 3 Cr. 3 Cr.	☐ Electrical Circuit Analysis ATMN 110 3 Cr. ☐ Metallurgy & Heat Treatment INDS 130 2 Cr.	
☐ Choose 1 MIG Welding TIG Welding ☐ Test Plate Welding	WELD 105 WELD 106 WELD 255	3 Cr. 3 Cr. 3 Cr.	□ Choose 1 American Political System POLI 240 3 Cr. United States History to 1865 HIST 250 3 Cr. United States History Since 1865 HIST 251 3 Cr □ Humanities Requirement 3-4 Cr.	
☐ Welding Fabrication & Design☐ Mathematics Requirement	WELD 265	3 Cr. 4 Cr.	☐ Elective(s) in ATMN, INDS, TDSN or WELD as needed to get to 60 credit hours	
			☐ Communication Requirement 3 Cr.	
Industrial Applied AlgebraIndustrial Documentation & Management	INDS 122 TDSN 107	2 Cr. 4 Cr.	You should meet with an academic counselor prior to registering for classes. Prerequisite courses may apply to this program. A minimum of 60 unduplicated credits (100 level or higher)	

required for all associate degree programs.

