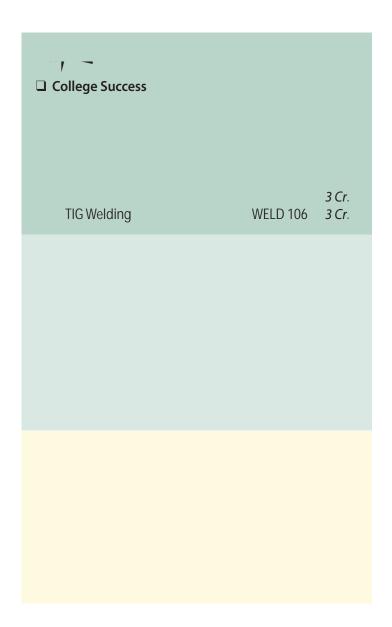
Welding, A.A.S.

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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2 Years

This is suggested course sequen	cing. Please s	ee a coun	selor or advisor for individual adjustments.			
☐ College Success	GNST 100	3 Cr.	☐ Choose 1			
Freshman English I	ENGL 100	3 Cr.	Survey of General Chemistry CHEM 105 4 Cr. College Physics I PHYS 230 3 Cr.			
☐ Industrial Applied Algebra	INDS 122	2 Cr.	3 3 3 3			
☐ Fundamentals of Welding	WELD 101	3 Cr.	☐ Humanities Requirement 3-4 Cr.			
☐ Choose 1			☐ Basic Machine Operations INDS 129 4 Cr.			
MIG Welding TIG Welding	WELD 105 WELD 106	3 Cr. 3 Cr.	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 if student wants HIST251, swap with communication requirement			
			☐ Test Plate Welding WELD 255 3 Cr.			
1' - 1 -			1' - 1 - '			
Electrical Circuit Analysis	ATMN 110	3 Cr.	☐ Communication Requirement 3 Cr.			
Mathematics Requirement		4 Cr.	☐ Metallurgy & Heat Treatment INDS 130 2 Cr.			
☐ Industrial Documentation &	TDSN 107	4 Cr.	☐ Welding Automation WELD 275 3 Cr.			
Management			☐ Pipe Welding WELD 285 3 Cr.			
☐ Choose 1MIG WeldingTIG Welding☐ Welding Fabrication & Design	WELD 105 WELD 106 WELD 265	3 Cr. 3 Cr. 3 Cr.	☐ Elective(s) in ATMN, INDS, TDSN or WELD as needed to get to 60 credit hours			
Courses in italics may be taken in the summer term.						

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5 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.						
This is suggested course sequence	irig. i lease s	ee a cour	selor of advisor for marvidual adjustifierts.			
☐ 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	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.			
N.						
☐ 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			
1' - 1 -			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.			

