

Program of Study Sequence

Community College Kishwaukee College

High School Sycamore High School

Program of Study: Welder/Welding Technologist Cert # 252

CIP Code 48.0508

Cluster Manufacturing

Pathway Production

Educational Level	Grade	CTE/Degree Major Courses	English	Mathematics	Science	Social Science	Other required Courses/Recommended Electives	Work-Based Learning Opportunities	
SECONDARY	9	Hands on Skills	English I	Algebra I	Physical Science	World Cultures (Opt)	Foreign Language		
	10	Agriculture Mechanics	English II & Speech	Geometry	Biology or BSAA	World Cultures (Opt)			
	11	KEC Dual Credit Welding Technology 1	English III		Courses Required for Graduation	American History	Foreign Language Skills USA (KEC)		
	12	KEC Dual Credit Welding Technology 2	English IV			Government Consumer Ed.			
POSTSECONDARY	13 (Fall)	WT 116 Fund. Welding Practices (2) MT 101 Print Reading (2) MT 151 Machine Shop (2)					Skills USA		
	13 (Spring)	WT 218 Adv. Welding Process (2) WT 256 Maint. & Welding Repair (2) MT 205 Metallurgy (3)					Skills USA		
	14 (Fall)	WT 257 Certification Welding (4) Welding or Manufacturing Elective							
	14 (Spring)								
	15 (Fall)						Career Opportunities: Manufacturing Welder Maintenance Welder Construction Welder		Degrees and Certificates Available: Kish Certificate # 252 AWS Certification Ready
	15 (Spring)								
	16 (Fall)								
16 (Spring)									
16 (Spring)									

[Kishwaukee Educational Consortium Dual Credit Classes](#)