

Program of Study Sequence

Community College Kishwaukee College High School Hiawatha 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	Activities in Tech I); Activities in Tech II	English 1	Algebra I	Intro to Science	Geography Current Events	Foreign Language Business Ed		
	10		English 2	Geometry	Biology	US History I & II			
	11	KEC Dual Credit Welding Technology 1	English 3	Classes Required for Graduation		American History III American Government	Foreign Language Business Ed Consumer Ed Related Electives. Skills USA (KEC)		
	12	KEC Dual Credit Welding Technology 2	English 4						
POSTSECONDARY	13 (Fall)	WT 116 Fund. Welding Practices (2) MT 101 Print Reading (2) MT 151 Machine Shop (2)					Skills USA CIS Elective Skills USA		
	13 (Spring)	WT 218 Adv. Welding Process (2) WT 256 Maint. & Welding Repair (2) MT 205 Metallurgy (3)							
	14 (Fall)	WT 257 Certification Welding (4) Welding or Manufacturing Elective					CIS Elective, Skills USA CIS 110 (3) Visual Basic Programming - OR- CIS 150 (3) C++ Programming I-OR- CIS 160 (3) Java Programming I		
	14 (Spring)								
	15 (Fall)								Career Opportunities: Manufacturing Welder Maintenance Welder Construction Welder
	15 (Spring)								
	16 (Fall)								
16 (Spring)									

[Kishwaukee Educational Consortium Dual Credit Classes](#)