

Program of Study: Welding

	Grade	English	Math	Science	Social Studies/ Sciences	Other Required Courses, Recommended Electives, and Learner Activities	Career & Technical Courses	SAMPLE Occupations Relating to this Pathway
Interest Inventory Administered								Ironworker, Pipefitter, Boilermaker, Assembler/ Fabricator, Steam Fitter, Machinist, Tool and Die Maker, Sheet Metal Worker, Underwater Welder, Maintenance Welder, Sub Arc Operator, Construction Worker, Machine Operator
	9	Lit & Comp I	Algebra I or Fundamental Math I	Physical Science	World History I and/or II (sem), Geography I and/or II (sem), and/or Mod Wld Issues (sem), and/or Recent Topics (sem)	All plans of study need to meet local and state high school graduation requirements as well as college entrance requirements.	Intro to Ag	
	10	Lit & Comp II	Geometry or Fundamental Math II	Biology	World History I and/or II (sem), Geography I and/or II (sem), and/or Mod Wld Issues (sem), and/or Recent Topics (sem)	Spanish I-IV Computer Apps/Keyboarding	Ag Mech (including Welding component)	
	11	Amer Lit III or Contemp Lit or G & R (sem) or Creative Wr (sem) or Dramatic Lit (sem) or Pub Pro	Algebra II or Applied Tech Math or Fundamental Math III		US History		Welding I	
	12	Brit Lit or Contemp Lit or G & R or Creative Wr or Dramatic Lit or Pub Pro			Civics		Welding II	
Early College Credit (articulated or dual). List name of college class below and * corresponding high school class above.				Describe Work-Based Learning Opportunities			List Industry Recognized Credentials	
Articulated credit - Waubonsee Community College - WLD 100 Survey of Welding, WLD 115 Oxy-Fuel Welding & Cutting, WLD 120 Shielded Metal Arc (both Welding I & Welding II) Kishwaukee College - WT 116 Fundamental Welding Processes (Welding I)				Internships with local employers			OSHA-10 safety credential	
Postsecondary – name the degrees and certificates and institutions Waubonsee Community College - Welding , Kishwaukee College - Welding Technology , Hobart Welding School (out of state), Various Trade Unions								