



Welding Career Pathway

CORE 40 with Honors High School Graduation Plan								
Secondary	Grade	English/Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Prep for Pathways	Other Electives Courses for this Pathway	
	8 th	English	Algebra I	8 th grade science or Biology	PE 1	Preparing for College/Careers		
	9 th	English 9	Geometry	Biology or Integrated Chem/Physics	Health Education PE 2		Digital Citizenship, Personal Financial Resp/Intro to Tech	World Language
	10 th	English 10	Algebra II	Chemistry(CHEM 101/Intro to Chem or AP Chemistry=CHEM 105/General Chemistry I)	World Geography	Design Processes	Intro Eng Des	World Language
	11 th	English 11 (ENG 111 & ENG 112/English Comp & Exposition/Persuasion)	Pre-Calculus (Math 136/College Algebra)		US History (HIST 101 & HIST 102/Survey of American History I & II)	Welding I		World Language (Spanish III or French III= SPAN 101/102 or FREN 101/102)
	12 th	English 12	Quantitative Reasoning		US Government (POLS 101/Intro to American Govt & Politics) Economics	Welding II		Fine Arts

*Ivy Tech credits offered through Elkhart Community Schools

*College credits offered-WELD 101/Oxy-Acetylene Welding, WELD 102/Shielded Metal Arc Welding, WELD 103/Gas Metal Arc Welding (Vincennes University)

*Industry Recognized Certifications offered-AWS Sense Entry Level Certification