Helena High School to Helena College degree program: AAS Industrial Welding & Metal Fabrication



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	Recomme	nded pathway i		School to Helena College with dual credit oppo	nunities	nignlighted
				D HIGH SCHOOL COURSES	-	
9th	Graduation Requirements Workforce & College Prep		English I, Algebra I, Earth Science, World Cultures, Human Performance		Recommended CTE Cluster Foundation Course(s): Industrial Tech, Basic Computer Skills	
	CTE and/or Electives		Welding I, Industrial Technology		Recom	mended CTE Pathway
10th	Workforce & College Prep		English II, Geometry, Biology I, HP (.5), Fine Art Elective		Courses: Welding I, Welding II, Welding III, Welding IV, or Manufacturing Co- op	
	CTE and/or Electives		Welding II (2), Computer Skills (.5)		Other Recommended CTE Courses: Drafting I, Drafting II; CAD, Carpentry, Auto Tech, Accounting, Marketing	
11th	Graduation Requirements Workforce & College Prep		English III, Algebra II or Technical Math (M11T), Chemistry, US History			
	CTE and/or Electives		Welding III (2), Fundamental Drafting			
12th	Graduation Re Workforce & C	College Prep	Ũ	erican Government	Career & Technical Student Organization(s):	
	CTE and/or E	lectives		tting Processes for Welding IV (2) or Welding and op, Mechanical Drafting, Carpentry I (2)	SkillsUSA, Helena High School American Welding Society Club.	
	Enrollment cou 112 Cutting Proc		High Sch echnical Mathemati	LEARNING OPPORTUNITIES ool to College/Career Linkages cs; WRIT121T Technical Writing; WRIT 101 College	e Writing;	M121 College Algebra;
Online	e courses: MT I	Digital Academ	y: HR 100T Humai	n Relations		
Other:	Job Shadowing	g; Student Shado	wing at HC; Industi	ry-recognized cards/certifications (such as OSHA)		
				<u> </u>		
			POSTSECON	IDARY PROGRAM OF STUDY		
		Math	POSTSECON English			Other
13 <sup>th</sup> Semes	ster 1			IDARY PROGRAM OF STUDY	actical	Other
	ster 1	Math M111T Technical Mathematics		IDARY PROGRAM OF STUDY Major WLDG 107 Industrial Safety (2); WLDG 112, Cut Processes (3); WLDG 135 GMAW Theory and Pr Application (5); WLDG 181 Shielded Metal Arc W	actical Velding (3); ation (6), TAW) -	Other
Semes	ster 1	Math M111T Technical Mathematics		IDARY PROGRAM OF STUDY   Major   WLDG 107 Industrial Safety (2); WLDG 112, Cut   Processes (3); WLDG 135 GMAW Theory and Pr   Application (5); WLDG 181 Shielded Metal Arc V   (SMAW) Theory and Practical Application (5)   WLDG 117 Blueprint Reading and Weld Symbols   WLDG 131 Layout, Metal Forming & and Fabrica   WLDG 140 Intro Gas Tungsten ARC Welding (G	actical Velding (3); ation (6), TAW) - I); Structural ocesses WLDG	Other