

Career Plan of Study



Pathway: Construction

Student Name _____

Date _____

Advisor Name _____

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

		9 th Grade	10 th Grade	11 th Grade	12 th Grade
High School	LA	9 th grade English	10 th grade English	11 th grade English	12 th grade English
	Math	IM 1, Geometry H	IM 2 or Algebra 2 H	IM 4 or Pre Calc H	IM 5, AP Calc*
	Sci.	Physical Science	Biology, Chem. I	Chem. Adv Study, Physics I*	Physics Adv Study*
	SS	US History Comp.	Mod US History	World Hist Overview or AP History*	
	CAREER RELATED ELECTIVES	Woodworking*, Welding Intro	CAREER RELATED ELECTIVES Drafting-Tech/Mech. I* - II*, Welding I*, Cabinetmaking I*, Drafting-Architectural I*	CAREER RELATED ELECTIVES Drafting-Tech/Mech. III, Cabinetmaking II*, Welding II-III*, Drafting Indep. Study-Architectural, Framing Carpentry I, II*	
OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS Conditioning Ed., Spanish level II or above, Technical Reading, Marketing, Computer Apps, Business Comp. Apps*, Intro to Business*, Entrepreneurship*, Stagecraft					
Post-Secondary	ACE (BOCES)	Take classes at Casper College while still in high school for dual credit. * Dual credit classes offered at KW.			
	Community College	<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides			
	College/University	<input type="checkbox"/> For more information visit cis.intocareers.org			
	Technology Center				
Career Enhancement Options	Community-Based Learning Options	School-Based Activities (Clubs, Student Vocational Org's, Sports, etc.)		Occupations in this Pathway See the Wyoming Career Cluster Guide for more jobs	
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training <input type="checkbox"/> Habitat for Humanity	<input type="checkbox"/> CPR/First Aid <input type="checkbox"/> Skills USA		<input type="checkbox"/> General Contractors/Builders <input type="checkbox"/> Construction Engineers <input type="checkbox"/> Construction Foreman <input type="checkbox"/> Construction Inspectors <input type="checkbox"/> Subcontractors <input type="checkbox"/> Masons <input type="checkbox"/> Carpenters <input type="checkbox"/> Electrician <input type="checkbox"/> Sheet Metal Workers <input type="checkbox"/> Landscapers/Groundskeepers <input type="checkbox"/> Plasters/Drywall Installers <input type="checkbox"/> Plumbers	

Career Plan of Study



Pathway: Design and Pre-Construction

Student Name _____

Date _____

Advisor Name _____

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		9 th Grade	10 th Grade	11 th Grade	12 th Grade
High School	LA	9 th grade English	10 th grade English	11 th grade English	12 th grade English
	Math	IM 1, Geometry H	IM 2 or Algebra 2 H	IM 4 or Pre Calc H	IM 5, AP Calc*
	Sci.	Physical Science	Biology	Chem. 1A or Environ. Chem.	Physics I*
	SS	US History Comp.	Mod US History	World Hist Overview or AP History*	
	CAREER RELATED ELECTIVES	Woodworking*, Home Furnishing I	CAREER RELATED ELECTIVES Drafting-Tech/Mech. I*-II*, Cabinetmaking I*, Drafting-Archit. I*, Home Furnishing II	CAREER RELATED ELECTIVES Drafting-Tech/Mech. III, Cabinetmaking II, Welding II-III*, Drafting-Architectural II, Calculus II*, Framing Carpentry I, II*, Home Furnishing III, Physics Adv Study*	
OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS Any P.E., Any Foreign Language, Technical Reading, Computer Apps, Business Comp. Apps* Intro to Business*, Creative Writing, Stagecraft					
Post-Secondary	ACE (BOCES)	Take classes at Casper College while still in High School for dual credit. * Dual credit classes offered at KW.			
	Community College	<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides			
	College/University	<input type="checkbox"/> For more information visit cis.intocareers.org			
	Technology Center				
Career Enhancement Options	Community-Based Learning Options	School-Based Activities (Clubs, Student Vocational Org's, Sports, etc.)		Occupations in this Pathway See the Wyoming Career Cluster Guide for more jobs	
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training	<input type="checkbox"/> CPR/First Aid <input type="checkbox"/> Skill USA <input type="checkbox"/> Interior Design Club <input type="checkbox"/> JETS <input type="checkbox"/> Robotics <input type="checkbox"/> Science Club		<input type="checkbox"/> Architects <input type="checkbox"/> Drafters <input type="checkbox"/> Regional and Urban Planners/Designers <input type="checkbox"/> Industrial Engineers <input type="checkbox"/> Mechanical Engineers (HVAC, plumbing, fire protection, etc.) <input type="checkbox"/> Electrical Engineers <input type="checkbox"/> Surveyors <input type="checkbox"/> Interior Designers <input type="checkbox"/> Computer Aided Drafters (CAD)	

Career Plan of Study



Pathway: Maintenance and Operations

Student Name _____

Date _____

Advisor Name _____

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High School	9 th Grade		10 th Grade		11 th Grade		12 th Grade	
	LA	9 th grade English	10 th grade English	11 th grade English	12 th grade English			
	Math	IM 1, Geometry H	IM 2 or Algebra 2 H	IM 4 or Pre Calc H	IM 5, AP Calc*			
	Sci.	Physical Science	Biology, Chem. I	Chem. II, Physics I*	Physics Adv Study*			
	SS	US History Comp.	Mod US History	World Hist Overview or AP History*				
	CAREER RELATED ELECTIVES Woodworking*, Welding Intro		CAREER RELATED ELECTIVES Drafting-Tech/Mech. I* - II*, Drafting-Architect. I*, Cabinetmaking 1*, Welding I*		CAREER RELATED ELECTIVES Drafting-Tech/Mech. III, Cabinetmaking 2, Welding II*-III*, Drafting Ind. Study-Architectural, Framing Carpentry I, II*			
	OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS Any P.E., Spanish level II or above, Technical Reading, Home Furnishings I, Computer Apps, Business Comp. Apps*							
Post-Secondary	ACE (BOCES)		Take classes at Casper College while still in high school for dual credit. * Dual credit classes offered at KW.					
	Community College		<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides					
	College/University		<input type="checkbox"/> For more information visit cis.intocareers.org					
	Technology Center							
Career Enhancement Options	Community-Based Learning Options		School-Based Activities (Clubs, Student Vocational Org's, Sports, etc.)			Occupations in this Pathway See the Wyoming Career Cluster Guide for more jobs		
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training <input type="checkbox"/> Habitat for Humanity		<input type="checkbox"/> CPR/First Aid <input type="checkbox"/> Skills USA <input type="checkbox"/> Sports			<input type="checkbox"/> General Maintenance Contractors <input type="checkbox"/> Construction Engineers <input type="checkbox"/> Project Managers <input type="checkbox"/> Estimators <input type="checkbox"/> Demolition Engineers <input type="checkbox"/> Construction Inspectors <input type="checkbox"/> Insulation Workers <input type="checkbox"/> Highway Maintenance Workers		