

Career Plan of Study



Pathway: Logistics & Inventory Control, Quality, Health, Safety and Environmental Assurance

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.

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	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5 or AP Math*			
	Sci.	Physical Science	Biology	Chem. A or Chem. Other	Physics AS I*, Chem. AS			
	SS	US History Comp	Mod US History	World Hist Overview or AP History*				
	CAREER RELATED ELECTIVES Computer Apps		CAREER RELATED ELECTIVES Business Computer Apps*		CAREER RELATED ELECTIVES AP Calculus*, Physics AS II*			
OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS Any P.E., Any Foreign Language, Technical Reading								
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 these Pathways 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"/> Communication, Transportation and Utilities Managers <input type="checkbox"/> Dispatchers <input type="checkbox"/> Environmental Engineers <input type="checkbox"/> Health and Safety Representatives <input type="checkbox"/> Safety Coordinators <input type="checkbox"/> Safety Engineers & Technicians		<input type="checkbox"/> Industrial Truck and Tractor Operators <input type="checkbox"/> Logistical Engineers <input type="checkbox"/> Process Improvement Technicians <input type="checkbox"/> Inspectors <input type="checkbox"/> Process Control Technicians <input type="checkbox"/> Quality Control Engineers & Technicians	

Career Plan of Study



Pathway: Maintenance, Installation & Repair

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		IM 2 or Algebra 2		IM 4 or Pre Calc		IM 5	
	Sci.	Physical Science		Biology		Chem. A or Chem. Other		Physics	
	SS	US History Comp		Mod US History		World Hist Overview or AP History*			
	CAREER RELATED ELECTIVES		CAREER RELATED ELECTIVES		CAREER RELATED ELECTIVES		Welding Intro		
		Welding Intro		Welding I*		Welding II-III*, Intro to Auto, Auto Mech Comp*, Part Topics Auto			
OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS									
Any P.E., Any Foreign Language, Computer Apps, Business Computer Apps*, Technical Reading									
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"/> Skills USA			<input type="checkbox"/> Boilermakers <input type="checkbox"/> Electrical Equipment Installer/Repairers <input type="checkbox"/> Industrial Facilities Managers <input type="checkbox"/> Industrial Machinery Mechanics <input type="checkbox"/> Instrument Control Technicians <input type="checkbox"/> Maintenance Repairers <input type="checkbox"/> Major Appliance Repairers <input type="checkbox"/> Plumbers, Pipe Fitters and Steam Fitters			

Career Plan of Study



Pathway: Manufacturing Production Process Development

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	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5 or AP Math*			
	Sci.	Physical Science	Biology	Chem. A or Chem. Other	Physics AS I*			
	SS	US History Comp	Mod US History	World Hist Overview or AP History*				
	CAREER RELATED ELECTIVES Drafting Tech/Mech I*		CAREER RELATED ELECTIVES Drafting Tech/Mech II*		CAREER RELATED ELECTIVES Physics II*, Drafting Tech/Mech III			
	OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS Any P.E., Any Foreign Language, Computer Apps, Business Computer Apps*, Creative Art Comprehensive							
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"/> Skills USA <input type="checkbox"/> JETS			<input type="checkbox"/> Design Engineers <input type="checkbox"/> Electrical and Electronic Technicians and Technologist <input type="checkbox"/> Engineering Technicians <input type="checkbox"/> Industrial Engineers <input type="checkbox"/> Manufacturing Engineers <input type="checkbox"/> Manufacturing Technicians <input type="checkbox"/> Precision Inspectors, Testers and Graders		

Career Plan of Study



Pathway: Production

Student Name _____

Date _____

Advisor Name _____

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High School	LA	9 th grade English	10 th grade English	11 th grade English	12 th grade English			
	Math	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5			
	Sci.	Physical Science	Biology	Chem. A or Chem. Other	Physics			
	SS	US History Comp	Mod US History	World Hist Overview or AP History*				
	CAREER RELATED ELECTIVES Welding Intro, Woodworking*, Drafting Tech/Mech I*		CAREER RELATED ELECTIVES Welding I*, Cabinetmaking I*, Drafting Tech/Mech II*		CAREER RELATED ELECTIVES Welding II-III*, Drafting Tech/Mech III, Cabinetmaking II*			
OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS Any P.E., Any Foreign Language, Drama Stagecraft, Computer Apps, Technical Reading								
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 <input type="checkbox"/> For more information visit cis.intocareers.org					
	College/University							
	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"/> Skills USA			<input type="checkbox"/> Assemblers <input type="checkbox"/> Bookbinders <input type="checkbox"/> Calibration Technicians <input type="checkbox"/> Foundry Workers <input type="checkbox"/> Instrument Makers <input type="checkbox"/> Machine Operators <input type="checkbox"/> Millwrights <input type="checkbox"/> Painters <input type="checkbox"/> Tool and Die Makers <input type="checkbox"/> Solderers and Brazers <input type="checkbox"/> Welders		