

# Career Plan of Study



## Pathway: Engineering and Technology

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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>High School</b>	<b>LA</b>	9 <sup>th</sup> grade English	10 <sup>th</sup> grade English	11 <sup>th</sup> grade English
	<b>Math</b>	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc
	<b>Sci.</b>	Physical Science	Biology, Chem.	Chem. Adv Study, Physics AS*
	<b>SS</b>	US History Comp	Mod US History	World Hist Overview or AP History*
	<b>CAREER RELATED ELECTIVES</b>	<b>CAREER RELATED ELECTIVES</b>	<b>CAREER RELATED ELECTIVES</b>	<b>CAREER RELATED ELECTIVES</b>
	Computer Apps, Drafting Architectural*	Visual Basic Programming, Drafting Tech/Mech I*- II*, Drafting Ind Study	AP Statistics*, Astronomy*, C++ Programming II(H*), Drafting Tech/Mech III, AP Computer Science*	
	<b>OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS</b>			
	Any P.E., Any Foreign Language, Creative Art Sculpture I-IV, CISCO I-IV*, Web Design			
<b>Post-Secondary</b>	<b>ACE (BOCES)</b>	Take classes at Casper College while still in high school for dual credit. * <b>Dual credit classes offered at KW.</b>		
	<b>Community College</b>	<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 <a href="http://cis.intocareers.org">cis.intocareers.org</a>		
	<b>College/University</b>			
	<b>Technology Center</b>			
<b>Career Enhancement Options</b>	<b>Community-Based Learning Options</b>	<b>School-Based Activities</b> (Clubs, Student Vocational Org's, Sports, etc.)	<b>Occupations in this Pathway</b> 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"/> Science Club <input type="checkbox"/> National Honor Society <input type="checkbox"/> NCSF Science Fair <input type="checkbox"/> JETS	<input type="checkbox"/> Aerospace Engineer <input type="checkbox"/> Architectural Engineer <input type="checkbox"/> Civil Engineer <input type="checkbox"/> Chemical Engineer <input type="checkbox"/> Electrical Engineer <input type="checkbox"/> Industrial Engineer <input type="checkbox"/> Mechanical Engineer <input type="checkbox"/> Software Engineer	

# Career Plan of Study



## Pathway: Science & Math

Student Name \_\_\_\_\_

Date \_\_\_\_\_

Advisor Name \_\_\_\_\_

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	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>High School</b>	<b>LA</b>	9 <sup>th</sup> grade English	10 <sup>th</sup> grade English	11 <sup>th</sup> grade English
	<b>Math</b>	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc
	<b>Sci.</b>	Physical Science	Biology, Chem.	Chem. Adv Study, Physics AS*
	<b>SS</b>	US History Comp	Mod US History	World Hist Overview or AP History*
	<b>CAREER RELATED ELECTIVES</b>	Computer Apps	<b>CAREER RELATED ELECTIVES</b> Drafting Tech/Mech I* - II*	<b>CAREER RELATED ELECTIVES</b> AP Statistics*, Astronomy A*, Drafting Tech/Mech III, AP Biology*
<b>OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS</b> Any P.E., Latin level II or above				
<b>Post-Secondary</b>	<b>ACE (BOCES)</b>	Take classes at Casper College while still in high school for dual credit. * <b>Dual credit classes offered at KW.</b> <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 <a href="http://cis.intocareers.org">cis.intocareers.org</a>		
	<b>Community College</b>			
	<b>College/University</b>			
	<b>Technology Center</b>			
<b>Career Enhancement Options</b>	<b>Community-Based Learning Options</b>	<b>School-Based Activities</b> (Clubs, Student Vocational Org's, Sports, etc.)	<b>Occupations in this Pathway</b> 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"/> Science Center Volunteer	<input type="checkbox"/> Science Club <input type="checkbox"/> National Honor Society <input type="checkbox"/> NCSD Science Fair <input type="checkbox"/> Casper Planetarium Volunteer <input type="checkbox"/> JETS	<input type="checkbox"/> Archeologist <input type="checkbox"/> Astronomer <input type="checkbox"/> Biologist <input type="checkbox"/> CAD Operator <input type="checkbox"/> Ecologist <input type="checkbox"/> Economist <input type="checkbox"/> Mathematician <input type="checkbox"/> Nuclear Chemist <input type="checkbox"/> Physicist <input type="checkbox"/> Research Chemist <input type="checkbox"/> Toxicologist	