



# Career Plan of Study

Learner Name \_\_\_\_\_

Date \_\_\_\_\_

Learner Signature \_\_\_\_\_

Advisor Signature \_\_\_\_\_

Parent/Guardian Signature (if required) \_\_\_\_\_

*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 learner'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>	English I	English II	English III	English IV
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Trigonometry	Trigonometry or Pre-Calculus
	Physical Science or Biology I	Biology I or Chemistry I	Chemistry, or Physics	Physics or Environmental Science
	Geography/State History	World History	American History	Economics/Government
	<b>Required Courses/Electives</b> PE, Health, Art, Foreign Language, or Computer Technology	<b>Required Courses/Electives</b> PE, Health, Art, Foreign Language, or Computer Technology	<b>Additional High School Electives</b> Agriculture Power & Technology Principles of Ag Technology Drafting and Design *Introduction to Engineering *Computer Integrated Manufacturing *Principles of Engineering *Engineering Design & Development	<b>Technology Center Electives</b> Drafting and CAD CNC (Computer Numerical Control) Electronics Industrial Maintenance Precision Machining Plastic Manufacturing Welding
<b>Career Electives</b> TechConnect Manufacturing Technology Education Agriscience I	<b>Career Electives</b> <b>TechConnect Manufacturing</b> Technology Education Agriscience II			
<b>Post-Secondary</b>	<b>Career/Technical College</b>		<b>Community College</b>	<b>College/University</b>
	<input type="checkbox"/> Automated Manufacturing Technology <input type="checkbox"/> Drafting and CAD <input type="checkbox"/> Electronics <input type="checkbox"/> Industrial Maintenance <input type="checkbox"/> Manufacturing Engineering Technology <input type="checkbox"/> Precision Machining <input type="checkbox"/> Plastic Manufacturing <input type="checkbox"/> Welding		<input type="checkbox"/> Engineering Technology <input type="checkbox"/> Agriculture Engineering <input type="checkbox"/> Precision Production Trades <input type="checkbox"/> Manufacturing Technology <input type="checkbox"/> Pre-Engineering <input type="checkbox"/> Industrial Drafting <input type="checkbox"/> Automated Aerospace Manufacturing Technology	<input type="checkbox"/> Mechanical Engineering <input type="checkbox"/> Engineering Technology <input type="checkbox"/> Industrial Technology <input type="checkbox"/> Mechanical Engineering Technology
<b>Career Enhancement Options</b>	<b>Work-based Learning Options</b>		<b>Short-Term Training Options</b>	
	Job-Shadowing: Internship/Mentorship:  On-The-Job Training:		<input type="checkbox"/> Safety Training <input type="checkbox"/> Welding I <input type="checkbox"/> Welding II <input type="checkbox"/> Precision Machining <input type="checkbox"/> Lean Manufacturing	

\*These courses are part of the Project Lead The Way curriculum. More information is available at [www.pltw.org](http://www.pltw.org)

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