



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.

High School	9 th Grade	10 th Grade	11 th Grade	12 th Grade
	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
Required Courses/Electives PE, Health, Art, Foreign Language, or Computer Technology Career Electives TechConnect Manufacturing Technology Education Agriscience I	Required Courses/Electives PE, Health, Art, Foreign Language, or Computer Technology Career Electives TechConnect Manufacturing Technology Education Agriscience II	Additional High School Electives Agriculture Power & Technology Principles of Ag Technology Drafting and Design *Introduction to Engineering *Computer Integrated Manufacturing *Principles of Engineering *Engineering Design & Development		Technology Center Electives Drafting and CAD CNC (Computer Numerical Control) Electronics Industrial Maintenance Precision Machining Plastic Manufacturing Welding
Post-Secondary	Career/Technical College	Community College		College/University
	<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
Career Enhancement Options	Work-based Learning Options	Short-Term Training Options		
	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

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