



Career Plan of Study

Name _____
 Advisor _____

Date _____
 Parent/Guardian Signature _____

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	9th Grade	10th Grade	11th Grade	12th Grade
	English 9	English 10	English 11 or AP English	English (2 electives)
	Algebra I CORE, Algebra I, or Geometry	Geometry CORE, Geometry, or Algebra II	Algebra II CORE, Geometry, Algebra II, Pre-Calculus, Math for the Trades, or Statistics	Math for the Trades, Pre-Calculus, Statistics, AP Statistics, Calculus, and/or AP Calculus
	Integrated Science 9 and/or Intro to Engineering & Design	Biology and Principals of Engineering (if on PLTW path)	Chemistry	AP Biology, Physics, Anatomy/Physiology, or Adv. Chemistry
	Geography and Social Studies Essentials	US History & Western Civilization or AP US History	World Affairs, Psychology, Sociology, Criminal Justice, or Economics (can also add AP Psychology)	Government and can also add Psychology & AP Psychology
Required Courses/Electives PE, Art, Foreign Language, or Personal Finance	Required Courses/Electives PE, Art, Foreign Language, or Personal Finance	Career Electives: Grade 11 <input type="checkbox"/> Materials and Processes <input type="checkbox"/> Small Engines <input type="checkbox"/> Cabinetry <input type="checkbox"/> Intro to Engineering Design <input type="checkbox"/> Accounting <input type="checkbox"/> Welding <input type="checkbox"/> Advanced Art 2-D and 3-D <input type="checkbox"/> Digital Electronics <input type="checkbox"/> Learn to Earn <input type="checkbox"/> Career Exploration <input type="checkbox"/> Youth Apprenticeship	Career Electives: Grade 12 <input type="checkbox"/> Advanced Accounting <input type="checkbox"/> Business and Personal Law <input type="checkbox"/> Building Construction <input type="checkbox"/> Ag Mechanics <input type="checkbox"/> Principles of Engineering <input type="checkbox"/> Sheet Metal <input type="checkbox"/> Research and Development <input type="checkbox"/> Engineering Design & Development <input type="checkbox"/> Work Experience <input type="checkbox"/> YO- Welding Academy <input type="checkbox"/> Youth Apprenticeship	
Career Electives Intro. to Industrial Tech. Intro. to Communication Tech. Art 1 Ag 101 / Intro to Agriculture	Career Electives General Woods Art 2 Agricultural Shop 101 Design			
Post-Secondary	Technology Center	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	