

Homestead High School College and Career Pathway Plan

Cluster: Transportation

Pathway: Aviation

Core 40 Honors High School Graduation Plan*

*Course sequencing and grade level in which courses are taken may vary according to individual student plan.

Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Course or Elective	CTE/Career Preparation Course or Elective	CTE/Career Preparation Course or Elective
	9	English 9	Algebra I	Biology	Health & Wellness/ Physical Ed	World Languages	Preparing for College & Careers or Personal Financial Responsibility or Adult Roles	Fine Arts
	10	English 10	Geometry	Core 40 Science	World History and Civilization	World Languages	Transportation Systems Transportation Processes	Introduction to Engineering Design (PLTW I)
	11	English Lit.	Algebra II	World Languages	US History	Aviation I (Anthis)		
	12	Composition English 12 Elective	Pre-Calc/Trig	Chemistry or Physics	Government Economics	Aviation II (Anthis)		
State specified Pathway Assessment: Dual credit assessment from Vincennes University								
Industry Recognized Certification: FAA Powerplant Certification								

Postsecondary Courses Aligned for Potential Dual Credit**

**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Vincennes University

- AMNT 102 General Aviation Maintenance
- AMNT 106 Materials, Process & Welding
- AMNT 164 Aircraft Systems
- AMNT Composite and Nonmetallic Structure