

Homestead High School College and Career Pathway Plan

Cluster: Transportation

Pathway: Automotive Service Technology

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 | |
| | 11 | English Lit. | Algebra II | World Languages | US History | Auto-Mechanic Technology I (Anthis) | | |
| | 12 | Composition English 12 Elective | Pre-Calc/Trig | Chemistry or Physics | Government Economics | Auto-Mechanic Technology II (Anthis) | | |

State specified Pathway Assessments: Dual credit assessment with Ivy Tech or Vincennes University or NA3SA assessments – 4 by the end of Auto I, total of 7 by the end of Auto II

Industry Recognized Certification: Automotive Service Excellence (ASE)

Postsecondary Courses Aligned for Potential Dual Credit**

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

| Ivy Tech Community College | Vincennes University |
|--|---|
| <ul style="list-style-type: none"> • AUTC 101 Suspension and Steering (Anthis) • AUTC 121 Brakes • AUTC 113 Electrical Systems (Anthis) • AUTC 109 Engine Performance (Anthis) | <ul style="list-style-type: none"> • AUTO 105 Transportation Fundamentals • AUTO 110/L Electrical Systems |