

## Homestead High School College and Career Pathway Plan

**Cluster: Information Technology**

**Pathway: Computer Programming**

### 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	Digital Citizenship
	10	English 10	Geometry	Core 40 Science	World History and Civilization	World Languages	Computer Illustration and Graphics	Web Design
	11	English Lit.	Algebra II	Chemistry or Physics	US History	World Languages	Computer Programming I (HHS)	Or Intro to Computer Programming
	12	English Comp/ English 12 Elective	Pre-Calc/Trig		Government Economics	Fine Arts	Computer Programming II (HHS)	Computer Programming I (HHS)

**State specified Pathway Assessment:** Dual Credit Finals

**Industry Recognized Certification:** None

### 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"> <li>• CINS 113 Logic Design Programming</li> <li>• CINS 121 C++ Programming</li> <li>• CINS 136 Java Programming</li> <li>• CINS 137 Visual Basic Programming</li> </ul>	Dual Credit Pending