

## Angola College and Career Pathway Plan

**Cluster:** Information Technology

**Pathway:** Computer Programming

### Core 40 with Honors High School Graduation Plan\*

\*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.

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 Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Physical Ed and World History	Preparing for College & Careers		Digital Citizenship	World Language
	10	English 10	Geometry	Chemistry	Health	Computer Programming I	Computer Programming II		World Language
	11	English 11	Algebra II	3 <sup>rd</sup> Core 40 Science	US History			Personal Financial Responsibility	World Language
	12	English 12	Pre-Calculus or Quantitative Reasoning		Government Economics	Computer Programming course at Trine University			Fine Arts (2)

**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	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>	<ul style="list-style-type: none"> <li>• Dual Credit Pending</li> </ul>