

## Angola High School College and Career Pathway Plan

**Cluster: Manufacturing**

**Pathway: Electronics & Computer Technology**

### 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 & World History	Preparing for College & Careers	Computers in Design & Production	Digital Citizenship	World Language
	10	English 10	Geometry	Chemistry	Health	Introduction to Manufacturing	Introduction to Engineering Design	Fine Arts	World Language
	11	English 11	Algebra II	3 <sup>rd</sup> Core 40 Science	US History			Personal Financial Responsibility	World Language
	12	English 12	Math or Quantitative Reasoning		Government Economics				
<b>State specified Pathway Assessment:</b> Dual credit assessment from Ivy Tech or Vincennes University									
<b>Industry Recognized Certification:</b> Electronics Technician Association (ETA)- Associate Certified Electronics Technician; ESPA Certification									

### 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
EECT 101 Intro to Electronics & Projects  EECT 111 Intro to Circuits Analysis  EECT 112 Digital Fundamentals  EECT 121 Electronic Circuits Analysis	ELEC 100 Basic Electricity and Electronics  ELEC 110 Basic Component & Circuit Analysis  ELEC 130 Digital Electronics