

South Harrison Community School Corporation- Pathway Plan

Cluster: STEM

Pathway: Engineering

High School Graduation Plan

SECONDARY	Grade	English/ Language Arts	Math	Science	Social Studies/Other	Career Technical Education (CTE) Classes	Electives	Electives
	9	-English 9 -English 9 H	-Algebra I -Algebra I H	-Biology I -Biology I H	Preparing for College Careers Health	-Introduction to Manufacturing	*See Course Catalog	-Spanish I -French I
	10	-English 10 -English 10 H	-Geometry -Geometry H	-Environmental Science -Biology II -Chemistry -Physics -ICP	-World History -World History H	-- Introduction to Engineering Design (DESN 101)	Career Information Exploration Personal Financial Responsibility	-Spanish II -French II
	11	-English 11 -English 11 H -English 11 AP	-Algebra II -Algebra II H -Pre Calculus	-Biology II -Chemistry -Physics -ICP	-US History -US History H	- Principles of Engineering (DESN 104)	*See Course Catalog -Speech W131	-Spanish III -French III
	12	-Technical Writing -English 12 -English 12 H -English 12 AP	-Finite Math -Calculus	-Biology AP -Chemistry II	-Government -Economics	-Computer Integrated Manufacturing -Work Based Learning	*See Course Catalog	-Spanish AP -French AP

Industry Recognized Certification: TBA - Autodesk Inventor Certified User, Autodesk Inventor Certified Associate, Autodesk Inventor Certified Professional

Indiana Department of Education Graduation Pathway Courses

Concentrator Course A	Concentrator Course B
Principles of Engineering	Computer Integrated Manufacturing
Starting with the class of 2023, both of the above course are needed in order to meet the Graduation Pathway Requirement for Career-Technical Education Concentrator which states: <i>must earn a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study.</i>	

Postsecondary Courses Aligned for Potential Dual Credit**

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

Ivy Tech	Ivy Tech	IU ACP Program
DESN 101 Intro to Design Technology DESN 104 Mechanical Graphics	English 11 AP-ENG 111/112 English 12 H – ENG 11 (CC) English 12 AP – ENG 206 Finite – M135 (SC) Pre Calculus – M136/137 Biology II – BIOL101	English 12 H – W131 (SC) Speech – COMM 101 Finite M118 (CC) Chemistry II - C101/102