

4-Year Plan

Core 40

Career Pathway:
Engineering

			Semester 1	Semester 2
Freshman Year	1	English	English 9	
	2	Math	Algebra I	
	3	Science	Biology I	
	4	PE	PE I	
	5	Career Pathway	Preparing for College and Careers	Elective
	6	Career Pathway	PLTW Introduction to Engineering	
	7	Other	Elective	Elective

			Semester 1	Semester 2
Sophomore Year	1	English	English 10	
	2	Math	Geometry	
	3	Science	Chemistry or Integrated Chemistry/Physics	
	4	Social Studies	World History	
	5	Health	Health	Elective
	6	Career Pathway	PLTW Principles Of Engineering	
	7	Other	Elective	Elective

			Semester 1	Semester 2
Junior Year	1	English	English 11	
	2	Math	Algebra II	
	3	Science	Science Elective	
	4	Social Studies	US History	
	5	Career Pathway	Civil Engineering and Architecture	
	6	Other	Elective	Elective
	7	Other	Elective	Elective

			Semester 1	Semester 2
Senior Year	1	English	English 12	
	2	Math	Math/Quantitative Reasoning	Elective
	3	Social Studies	Economics	US Government
	4	Other	Personal Finance or Adult Roles	Elective
	5	Career Pathway	PLTW Engineering Design and Development	
	6	Other	Elective	Elective
	7	Other	Elective	Elective

Technical Honors	6 Credits in Career Pathway			
	Ivy Tech DESN 101(PLTW) Intro to Design Technology (3 College Credits)			
	Ivy Tech DESN 104 Mechanical Graphics (3 College Credits)			
	Ivy Tech DESN 105 Architectural Design (3 College Credits)			
Academic Honors	6 Elective Credits of World Language (Spanish or German)			
	8 Credits of Math			
	2 Elective Credits Fine Arts			
	AP and/or Dual Credit			