

4-Year Plan

Core 40

Career Pathway:
Machine Technology

			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	
	6	Other	Elective	Elective
	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	Other	Elective	Elective
	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	Precision Machining I	
	6			
	7			

			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	Precision Machining II	
	6			
	7			

Technical Honors	6 Credits in Career Pathway		
	Ivy Tech MTTC 101 Intro to Machining (3 College Credits)		National Institute for Metal Working (NIMS)
Ivy Tech MTTC 110 Turning & Milling Processes (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 Credits		