

College Tech Prep Curriculum Pathway (Secondary)



Name of Program: Pre-Engineering (PLTW)

Name of Secondary School/School District: Timken Senior High School

Consortium: Stark County College Tech Prep Consortium

Program Start Date:

Pre Tech Prep: 9th and 10th recommended courses

Tech Prep: 11th and 12th Grade Program

9 th Grade	Credit	10 th Grade	Credit	11 th Grade	Credit	12 th Grade	Credit
English I	1	English II	1	English III	1	English IV	1
Algebra I	1	Geometry	1	Alg II/Trig	1	Pre-Calc	1
Mod American History	1	Modern World SS	1	Am. Gov't.	1	Physics	1
Physical Science	1	Biology	1	Chemistry	1	PLTW – Engineering Design and Development	1
Health Phy Ed	1	PLTW – Intro to Engineering	1	PLTW - Principles of Engineering	1	PLTW – CIM or Fuel Cell	2
Elective	1	Elective	1	PLTW – Digital Electronics	1		
Recommended Prerequisites for Grade 11 of College Tech Prep: Two years of English, Math, & Science				<input type="checkbox"/> Recommendations <input checked="" type="checkbox"/> Requirements for college portion of Tech Prep: Successful completion of High School portion of program.			
Explanation of Junior year Tech Prep Course/Block (by major competency areas/courses):				College Articulation Elements: articulated credit, transcribed credit, course by-pass and/or other considerations:			

Explanation of Senior Year Tech Prep Course/Block (by major competency areas/courses):

Student will choose one of two specialty electives: Fuel Cell or CIM (Computer Integrated Manufacturing)