

PLTW Career Clusters, CIP and Course Codes

Health Sciences (Cluster 8)	Technology & Engineering (Cluster 15)	
Biomedical Pathway (Strand) CIP = 51.0001	Technology Pathway (Strand) CIP = 21.0105 (new FY 2017)	Engineering Pathway (Strand) CIP = 21.0104
<i>Core Courses</i>	<i>Core Courses</i>	<i>Core Courses</i>
070411 – Principles of Biomedical (PBS) 070412 – Human Body Systems (HBS) 070413 – Medical Intervention (MI) 070414 – Biomedical Innovations (BI)	100416 – <i>Computer Science Essentials (new FY 2018)</i> 100415 – Computer Science and Software Engineering (Computer Science Principles) (CSP) 100432 – Computer Science Applications (CSA) 100434 – <i>Cyber Security (new FY 2018) (CS)</i>	100404 - Principles of Engineering (POE) 100405 - Introduction to Engineering Design (IED) 100406 - Digital Electronics (DE) 100407 - Computer Integrated Manufacturing (CIM) 100408 - Civil Engineering and Architecture (CEA) 100409 - Biomedical Engineering (BE) (Environmental Sustainability) 100410 - Aerospace Engineering (AE) 100422 - Engineering Design & Development (EDD) 100433 – Environmental Sustainability (ES)
		<i>Elective Courses</i>
		100415 – Computer Science and Software Engineering (Computer Science Principles) (CSP)
Launch PLTW Elementary (Grades 3-5)	Course Code = 100402 No CIP	
Gateway To Technology (GTT) PLTW Middle School (Grades 6-8)	Course Code = 100403 No CIP	

*Courses are not in sequential order; school districts determine offerings and sequence.

All courses/programs include classroom/laboratory instruction and leadership training through the appropriate Career and Technical Student Organization (CTSO).