

## Foundational CTE Courses

Career Exploration (22151<sup>^</sup>)    Employability (22152<sup>^</sup>)    Workplace Technology Skills (10004<sup>^</sup>)    Leadership & Service (22101<sup>^</sup>)

## Cluster Courses

MS Robotics (21049)    Exploring STEM in CTE (21050)    PLTW MS Engineering (21000)    Introduction to Technology Education (21051)

## Pathway Courses

Aviation Pathway	Engineering Pathway	Computer Science Pathway	Robotics Pathway	Energy Pathway
Fundamentals of Aviation (20056)	Introduction to Engineering (21001)	Computer Programming (10152 <sup>^</sup> )	Electronics (17106)	Electronics (17106)
Aviation Careers I (20053)	Engineering Design & Development (21007)	Advanced Computer Programming (10153)	Engineering Design & Development (21007)	Introduction to Energy/Power (20101)
Aviation Careers II (20057)	Introduction to Manufacturing (13001)	Computer Science Essentials (10057)	Computer Programming (10152 <sup>^</sup> )	Alternate Energy Systems (21060)
	Drafting & Design I (21102)	Computer Science Principles (10052)	Advanced Computer Programming (10153)	
	Drafting & Design II – Architectural (21103)		Robotics (21009)	
	Mechanical Drafting & Design (21106)			
	Bioprocess Engineering (21014)			
	Electronics (17106)			
Project Lead the Way Courses (PLTW)				
PLTW Aerospace Engineering (21019)	PLTW Intro to Engineering & Design (21017)	PLTW Computer Science Essentials (10013)		
	PLTW Principles of Engineering (21018)	PLTW Computer Science Principles (10015)		
	PLTW Civil Engineering & Architecture (21021)	PLTW Computer Integrated Manufacturing (21022)		
	PLTW Digital Electronics (21023)			
	PLTW Engineering Essentials (21026)			
	PLTW Engineering Design and Development (21025)			
	PLTW Environmental Sustainability (21024)			

## Dual Credit Courses

Visit <https://sdmylife.com/images/Approved-CTE-Dual-Credit.pdf> for a full list of dual credit courses in the Science, Technology Engineering & Mathematics Career Cluster.

## Academic CTE Courses

Physical Science (03159<sup>^</sup>)    Biology (03051<sup>^</sup>)    Biology-Advanced Studies (03052)    Chemistry (03101<sup>^</sup>)    Geometry (02072<sup>^</sup>)    Trigonometry (02103<sup>^</sup>)    Calculus (02121)    Physics (03151<sup>^</sup>)

## Capstone CTE Courses

Entrepreneurship Experience (80026)    Senior Experience (80019<sup>^</sup>)    Youth Apprenticeship (80020)    Service Learning (22104)    Youth Internships (80018<sup>^</sup>)