

	Production Pathway	Manufacturing Production Process Development Pathway	Maintenance, Installation & Repair Pathway	Quality Assurance Pathway	Logistics & Inventory Control Pathway	Health, Safety & Environmental Assurance Pathway
Foundational CTE Courses	Career Exploration (80023) Computer Applications (10004 [^]) Employability Skills (22152 [^]) Foundations of CTE (22150 [^]) Service Learning (22104) <i>*.5 credits of Foundational CTE courses can be counted toward students' 2-credit concentrator status</i>					
Cluster Courses	Entrepreneurship (12053 [^]) Introduction to Manufacturing (13002) Intro to Technical Education (21051) Electronics (17106) Introduction to Drafting & Design (21102)					
Pathway Courses	Machine Tool (13203)	Machine Tool (13203)	Machine Tool (13203)			
	Welding Technology (13207)	Welding Technology (13207)	Welding Technology (13207)			
	Advanced Welding Technology (13208)	Advanced Welding Technology (13208)	Advanced Welding Technology (13208)			
	Mechatronics/Robotics (21009)	Mechatronics/Robotics (21009)	Mechatronics/Robotics (21009)			
	Mechanical Drafting & Design (21106)		Mechanical Drafting & Design (21106)			
Dual Credit Courses	Visit www.sdmylife.com for a full list of dual credit courses in the Manufacturing Career Cluster.					
Academic Courses	Geometry (02072 [^]) Pre-Calculus (02110) Physics (03151 [^]) <i>*.5 credits of relevant academic coursework can be counted toward students' 2-credit concentrator status</i>					
Capstone Courses	Entrepreneurship Experience (80026) Senior Experience (80019 [^]) Service Learning (22104) Youth Internships (80018 [^]) <i>*Up to 1 credit of capstone coursework can be counted toward students' 2-credit concentrator status</i>					