

MIDDLEBOROUGH HIGH SCHOOL

Manufacturing Pathway Scope and Sequence

PATHWAY	TECHNICAL COURSE 1 (required)	TECHNICAL COURSE 2 (required)	ADVANCED COURSE 1 (required)	ADVANCED COURSE 2 (required)	ADDITIONAL TECHNICAL COURSES	ADDITIONAL ADVANCED COURSES	INDUSTRY CREDENTIALS	INDUSTRY PLACEMENTS/ CAPSTONE (internships)	CLUBS
Advanced manufacturing & Engineering	Introduction to Innovation Manufacturing Design I	Introduction to Innovation Manufacturing Design II	PLTW Introduction to Engineering Design	PLTW Computer Science Essentials	Introduction to Innovation Manufacturing Design III PLTW Civil Engineering And Architecture PLTW Principles of Engineering PLTW Computer Science Principles PLTW Engineering Design and Development Robotics Conceptual Physics Honors Physics	AP Pre-Calculus (11/12) AP Calculus AB (12) AP Calculus BC (12) AP Physics (10-12)	OSHA 10 Certification		Robotics Club Theater

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