

Freshmen Year	
Trimester 2	Puzzle Design Challenge Project (Part, Assembly, Animation)
Trimester 3	Inventor Train Project (Part, Assembly, Drawing, Dimensioning, BOM)
Additional Projects	CO2 Car Project, Reverse Engineering Pen Project

Sophomore Year	
Trimester 1	Clawbot Project (Transfer System)
Trimester 2	MT Initials (CAM) Project, Scorbot Project, Truss Design Project
Trimester 3	Recycling Project (Marble Sorting System), Ballistics Project
Additional Projects	West Point Project, Renewable Energy Project, Various Certifications

Junior Year	
Trimester 1	Affordable Housing Project
Trimester 2	Revit Library Renovation Project – Green Design
Trimester 3	Combinational Logic - Date of Birth Circuit Project
Additional Projects	Architectural Style Building Models, Random Number Generator Project

Senior Year	
Trimester 1	Sequential Logic – Now Serving Display Project
Trimester 2	Glider Design Project, Rocket Design Project
Trimester 3	Mars Habitat Project
Additional Projects	Arduino Control Project, Drone Construction Project