

Student Organizations

TSA (Technology Student Association), Student Council, Link Crew,
Scholastic Books Competition, LEAP Legacy Challenge,
TEAMS (Technology, Engineering, Aptitude, Mathematics and Science),
UNITE (Army Educational Outreach Program)



CONSTRUCTION



CONSTRUCTION & INDUSTRIAL DESIGN



Career Pathway: Construction Technology

Career Cluster: Construction and Industrial Design

To complete the **Construction Technology Career Pathway**, students must complete all of the required courses within Section 1, as well as 1.5 credits from Section 2.

To complete this **Advanced Pathway**, students must complete all required courses in Section 1 and earn a total of 3 credits from Section 2.

Section 1- Required Courses	Credits Earned at KHS	College Credits Earned
Fundamentals of Construction Technology	.5	
Construction Applications	1	
Construction Management	.5	
Mechanical Drafting	.5	
PGR 1.8 – Job Shadow in Construction Technology	(This requirement will be implemented for all students in the graduating class of 2021 and beyond)	
Section 2- Additional Courses	Credits Earned at KHS	
Principles of Engineering	.5	
Marketing	.5	
Business Law	.5	
Business Communication	.5	
Entrepreneurship	.5	
Essentials of Geometry	1	
Physics w/ Lab	1	
Advanced Technology – Construction	.5	
App Creators	.5	
Intro to Data Science	.5	

Construction, Manufacturing and Engineering Teachers:
 Mr. James Hutson, Room 1513, jhutson@killinglyschools.org
 Mr. Patrick Barrett, Room 1713, pbarrett@killinglyschools.org

CONSTRUCTION



Occupations Related to the Architecture Pathway: Architect, Framing/Builder, Contractor, Kitchen & Bath Designer, Urban Planner, Estimator, Project Developer, Landscape Architect, Surveyor, Estate Manager, Production Designer – Theater, Town Planner, Construction Manager, Historic Building Inspector/ Preservationist.

In the Construction pathway students will learn skills spanning from drafting and reading blueprints, to construction sight operation and management practices currently in use by construction industry professionals. Instruction prioritizes proper use and care of tools and equipment and job-site safety.

Units Covered: Mechanical Drafting, Construction Management, Understanding Blueprints, Construction Safety, Construction Tools and Materials, Framing and Finishing, Reproductions and Restorations

Professional Organizations This Pathway Opens to You: Old Sturbridge Village, Connecticut Home Builders Association, Habitat for Humanity, United Brotherhood of Carpenters Union, Chamber of Commerce

Local Businesses Partnered with This Pathway: Rose Construction, Coastal Construction LLC, All State Construction, Clifford B Green & Sons Construction Co, Copeland Builders LLC