

**OPENING
AUGUST 2026**

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Students will have access to a comprehensive curriculum that includes core subjects and introductory courses in wood construction, masonry and architecture. During their junior and senior years, they will progress into more specific courses on plumbing, electrical, welding and construction management based on their chosen pathway.



CONSTRUCTION & ARCHITECTURAL DESIGN ACADEMY COURSE OF STUDY

7TH GRADE

- Principles of Wood Construction
- English 7
- Science 7
- Math 7
- The World
- Phys Ed

8TH GRADE

- Fundamentals of Architecture & Construction
- English 8
- Science 8
- Math 8
- American Studies
- Phys Ed/Health

9TH GRADE

- Core & Sustainable Construction
- Carpentry & Masonry
- English 9
- Biology
- Algebra 1
- Math Enrichment
- World Studies
- Foreign Language

Construction/Heavy Equipment Pathway

10TH GRADE

- Plan Reading & Estimating
- Structural Systems
- English 10
- Physical Science
- Geometry
- American Studies
- Foreign Language

Credentials:
Liuna Learn
and/or
Career
Connections

11TH GRADE

- Mechanical, Electrical & Plumbing Systems
- Residential Electrical Services
- English 11
- Functions & Trigonometry
- American Government/Economics
- Environmental Science
- Field Experience/CTE Elective

Credentials:
Liuna Learn
and/or
Career
Connections

12TH GRADE

- Construction Management
- Heavy Equipment Operations
- Construction Pre-Apprenticeship/Capstone
- English 4
- Statistics & Analysis
- Psychology/Sociology
- 4th Science

Credentials:
Liuna Learn
and/or
Career
Connections

**Senior
Declaration**

CAD Tech Pathway

10TH GRADE

- Plan Reading & Estimating
- CTE Elective
- English 10
- Physical Science
- Geometry
- American Studies
- Foreign Language
- Engineering Design

11TH GRADE

- Interior Design
- Architecture Design Structure & Mechanics
- Architecture Design Site & Foundation Plans
- English 11
- Functions & Trigonometry
- American Government/Economics
- Environmental Science
- Field Experience/CTE Elective

12TH GRADE

- Architecture Design Site & Foundation Plans
- Construction Capstone
- English 4
- Statistics & Analysis
- Psychology/Sociology
- 4th Science

Available CTE Electives:

- Construction Safety & Crew Leadership
- Structural Coverings & Finishes
- Construction Electrical Systems
- Commercial & Industrial Electrical Systems

INTERNSHIP

GRADUATION

Employed, Enrolled, Enlisted