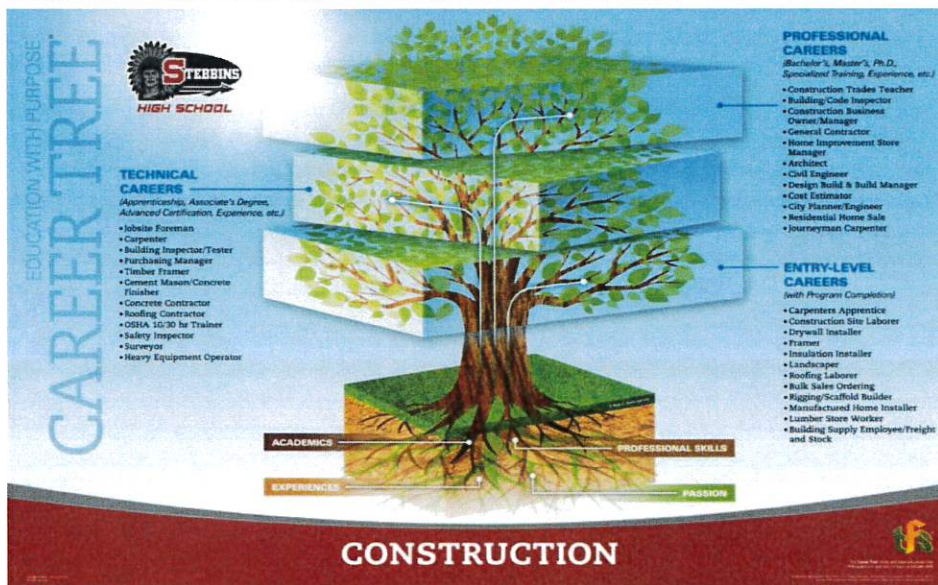




Career Pathway: Construction



Mad River Middle School	
7 th Grade	
Supporting Courses:	Design & Modeling, Robotics & Automation
8 th Grade	
Supporting Courses:	Green Architecture
Stebbins High School	
9 th grade	
Required Courses:	Algebra 1, English 101, Physical Science, World Studies, Health, PE, Art I
Supporting Courses:	Computer Applications I, Foreign Language
10 th grade	
Required Courses:	Geometry, English 201, Biology, American History, Art II
Supporting Courses:	Construction Specialization, Computer Applications II, Foreign Language,
11 th grade	
Required Courses:	Algebra II, Chemistry, English 301, American Government
Supporting Courses:	Speech & Communication, Creative Writing
Concentrator Courses:	Carpentry & Masonry Skills, Structural Systems
12 th grade	
Required Courses:	English 401, Applied Mathematics or Statistics
Supporting Courses:	Advanced Science, Social Studies Electives
Completer Courses:	Structural Coverings & Finishes, Remodeling/Renovation
College Credit	
+Construction Project, *Interior & Exterior Finishes, *CAT 1201, Structural Framing Systems, Construction Techniques 1, Construction Techniques 2, Construction Methods and Materials (Concurrent enrollment courses * Juniors, + Seniors)	
Industry-Recognized Credentials	
OSHA 10-Hour, Career Connection Level 1, 2, 3, Forklift	
Work-Based Learning	
Apprenticeship & Pre-Apprenticeship, Internship, Virtual, Simulated Work Environment	



This pathway layout is meant to serve as a guide; for your specific graduation plans please schedule a meeting with your counselor.

Construction Curriculum Plan

WebXam (Technical Skill Attainment)

Area of Concentration: DD

Below is the list of WebXams required for state reporting:

Test	Grade	Test Name	Is there a CTAG awarded to this course.
178001	11	Carpentry and Masonry Technical Skills	Yes
178003	11	Structural Systems	No
178004	12	Structural Coverings and Finishes	No
178023	12	Remodeling/Renovation	No

Industry Credentials/Certifications

Industry Credentials offered within Construction	Completed during Grade
Occupational Safety and Health Administration (OSHA) 10-hour	12
Career Connections Level 1	12
Career Connections Level 2	12
Career Connections Level 3	12
Forklift Operator	12

College Courses are available through: Sinclair

College Credit potentially earned within Career Tech	Credit Hours	Completed during Grade
CAT 1761 Interior Exterior Finishes	3	11
CAT 1431 10-Hour OSHA	1	11
CAT 1810 Construction Techniques I	3	11
CAT 1820 Construction Techniques II	3	12
CAT 1830 Construction Techniques III	3	12
CAT 1781 Construction Project	4	12
CAT 2700 Civil Architectural Internship	2	12

Sinclair Short Term Certificates

Short Term Certificate	College hours completed in Career Tech	College Hours required
Construction Technician	18	18

Daily Schedule

Junior Year	2 periods (Carpentry & Masonry Technical Skills, Structural Systems)
Senior Year	4 periods (Structural Coverings & Finishes, Remodeling/Renovation, Capstone A & B)