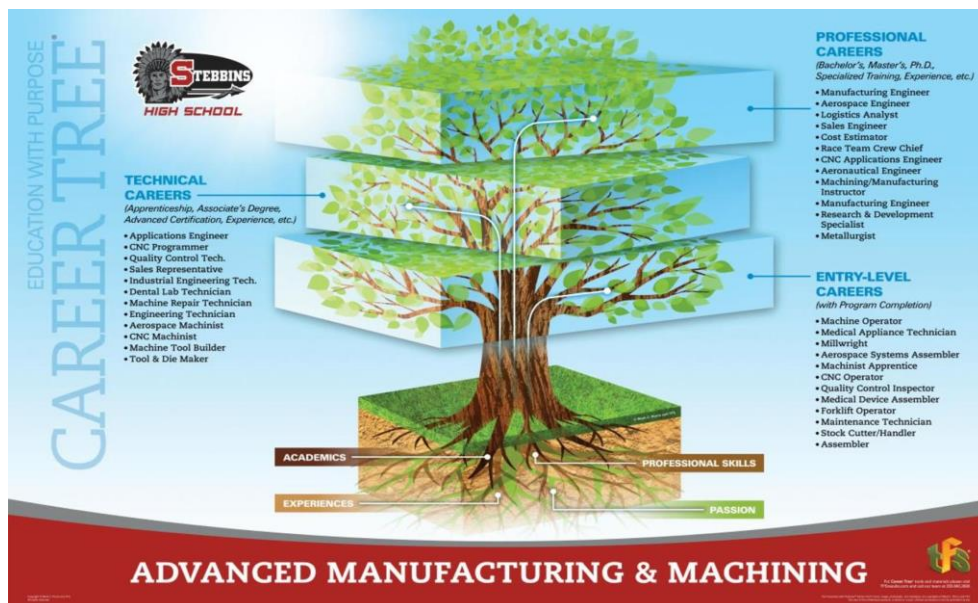




Career Pathway: Manufacturing

| Mad River Middle School | |
|---|--|
| 7th Grade | |
| Supporting Courses: Design & Modeling, Robotics & Automation | |
| 8th Grade | |
| Supporting Courses: Flight & Space, Green Architecture | |
| Stebbins High School | |
| 9th grade | |
| Required Courses: Algebra 1, English 101, Physical Science, World Studies, Health, PE, Art I | |
| Supporting Courses: Computer Applications I, Foreign Language, Manufacturing Foundations | |
| 10th grade | |
| Required Courses: Geometry, English 201, Biology, American History, Art II | |
| Supporting Courses: Manufacturing Specialization, Computer Applications II, Foreign Language, Textile Design | |
| 11th grade | |
| Required Courses: Algebra II, Chemistry, English 301, American Government, | |
| Supporting Courses: Textile Design (Construction & Maintenance), | |
| Concentrator Courses: Machining with Industrial Lathes, Machining with Industrial Milling Machines | |
| 12th grade | |
| Required Courses: English 401, Applied Mathematics or Statistics | |
| Supporting Courses: Advanced Science, Social Studies Elective | |
| Completer Courses: Machine Tools, Computer Numerical Control Technology with Industrial Mills and Lathes | |
| College Credit Plus | |
| *10-Hour OSHA, +Guitar Manufacturing using STEM, *Intro to Manufacturing Safety, Practices & Measurements, +Manufacturing Process, +Maintenance Awareness (Concurrent enrollment courses * Juniors, + Seniors) | |
| Industry-Recognized Credentials | |
| OSHA 10-Hour, Forklift, MSSC Certified Production Technician, | |
| 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.