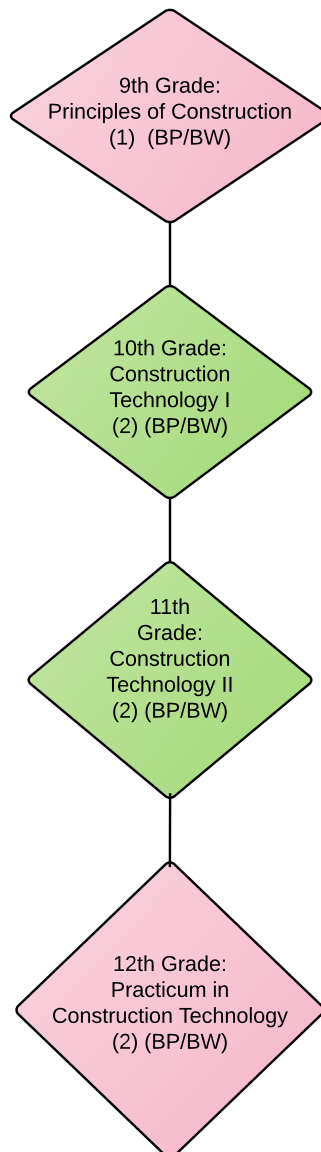


Architecture and Construction

This industry cluster focuses on careers in designing, planning, managing, building and maintaining the building environment. This includes new structures, restorations, additions, alterations and repairs. Industry-recognized credentials are available from trade associations, industry-established education foundations and industry consortia. A new demand to "green" this industry is growing from consumers, government and other related agencies such as the U.S. Green Building Council. 21st century students interested in this industry will need to gain knowledge and skills related to natural resource management, energy efficiency, recycling existing materials, and compliance with new and existing regulations as well as the traditional emphasis on processes, systems and the way in which structures are built. Many courses, facility enhancements and partnerships with trade associations can be gained.



Business & Industry Endorsement

Architecture and Construction Career Cluster

Construction Technology Pathway

9th Grade: Principles of Construction
1 Credit *NCCER Core Certification

10th Grade: Construction Technology I
2 Credits *OSHA Certification

11th Grade: Construction Technology II
2 Credits *NCCER Certifications

12th Grade: Practicum in Construction Technology
2 Credits *Advanced NCCER Certifications