

## **Building & Construction Technology:**

**Year #1** (9th and Mixed grades) Core Curriculum, Introductory Craft Skills: Certification in 8 different Modules (Construction Safety, Construction Math, Construction Hand Tools, Construction Power Tools, Construction Drawings, Employability, Communication, Material Handling and Rigging) through National Center for Construction Education and Research. (NCCER)

**Year #2:** (10,11,12 graders) Carpentry Fundamentals Level One Skills. Orientation to the Trades (History of Trades, Apprentice programs, Career Opportunities for carpentry and construction workers, Responsibilities and Characteristic of a construction worker.

**Year #3:** (11 & 12 graders) Carpentry Fundamentals Level Two Skills. Introduction to Building Materials, Fasteners and Adhesives. Floor Systems, (layouts and usages of different level or grade of construction wood)

**Year #4:** (11 & 12 graders) Carpentry Levels 3/4 skills. Wall and Ceiling Framing, Roof Framing, Introduction to Concrete and Reinforcing Materials, Windows and exteriors, basic Stair Layouts.

**Community College/Technical Schools/ 4 year Colleges and Military.**

**NO other requirements!**