

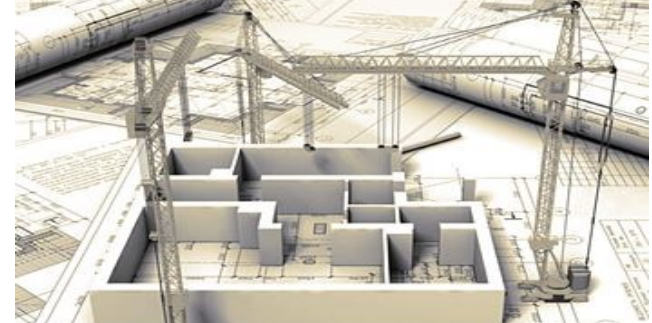
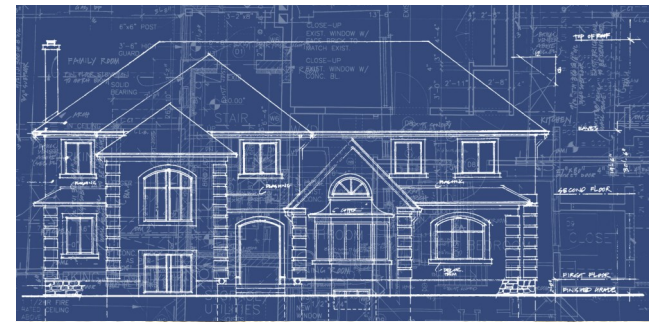
Have an interest in Architecture, Drafting and Design?

- This pathway will give you an idea about what employment is like in fields relating to architecture, drafting and design.
- Throughout the three courses of the pathway you will learn about employability skills, computer aided design (CAD), floor, roof, electrical plans and codes.
- Students will learn how to use architectural tools, measure dimensions, construct floor plans, create blue prints and 3D models on both paper and computers.



Skills USA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. Skills USA helps each student excel. We provide educational programs, events and competitions that support career and technical education (CTE) in the nation's classrooms.

Skills USA is the Career Technical Student Organization (CTSO) for this pathway. Students will have opportunities to compete with other schools in the state and nationally. This CTSO also serves as a networking platform for students and offers scholarships for college.

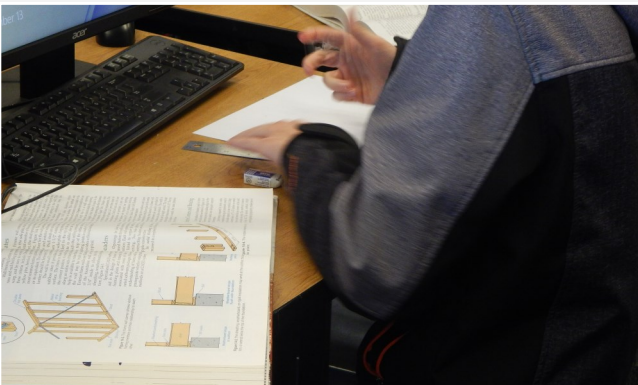


ARCHITECTURAL DRAWING AND DESIGN PATHWAY

TEACHER: JAMES MOORE
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Introduction to Drafting and Design Course 1

Students are introduced to computer aided drafting and design and are taught about drafting techniques through the study of geometric construction. They will also learn about safety and multi-view drawings. The standards are aligned with the national standards of the American Design Drafting Association (ADDA).



Architectural Drawing and Design I Course 2

Students are introduced to the basic terminology, concepts, and principles of architectural design. Emphasis is placed on house designs, floor plans, roof designs, elevations, schedules, and foundations. The standards are aligned with the drafting and design standards in Georgia's technical colleges.



Architectural Drawing and Design II Course 3

Emphasis is placed on the design process, site plans, electrical plans, plumbing plans, sections and details, project presentations, and a course portfolio. The standards are aligned with the drafting and design standards in Georgia's technical colleges.

