

The construction field is wide open to both men and women. This is just the beginning of a lifetime of exciting opportunities that a construction career can bring you. As your knowledge and experience grow, there will be many career choices available to you... craft professional, foreman, project superintendent, project manager, company owner, engineer just to name a few. In addition to the high school drafting classes offered at Central High School, students planning careers in drafting can expand their opportunity by taking courses in Geometry, Physical Science, Physics, Computer Technology, and Art.



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**CENTRAL
COMMUNITY
SCHOOL SYSTEM**

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Learning That Works

Drafting

Central High School



Career and Technical Education

The Drafting Program

The Drafting Program at Central High School offers students the opportunity to learn proper hand and computer-assisted drafting procedures for producing technical drawings through a series of basic and advanced drafting classes. In the work world, drafters convert the designs of engineers and architects into technical drawings and plans. Drafters may specialize in architectural, civil, electrical, or mechanical drafting and use technical drawings to help design everything from microchips to skyscrapers.



Qualifications

Critical-thinking skills. Drafters help the architects and engineers they work for by spotting problems with plans and designs.

Detail oriented. Drafters must pay close attention to details so that the plans they are helping to build are technically accurate to the outlined specifications.

Interpersonal skills. Drafters work closely with architects, engineers, and other designers to make sure that final plans are accurate. This requires the ability to take advice and constructive criticism, as well as to offer it.

Math skills. Drafters work with technical drawings that may require solving mathematical calculations involving angles, weights, and costs.

Technical skills. Drafters in all specialties must be able to use computer software, such as CADD, and work with database tools, such as BIM (building information modeling).

Time-management skills. Drafters often work under strict deadlines. As a result, they must work efficiently in order to produce the required output according to set schedules.

Reasons to be a Drafter

Projected Job Growth: Employment of Drafters is projected to show little or no change from 2012 to 2022 from a national perspective. However, because many drafting jobs are in construction, job growth for drafters across the Gulf south will increase due to the projected construction work for the next 15 years.

Annual Median Salary: \$49,630 per year

Certification: The American Design Drafting Association offers several certifications for drafters. The certifications demonstrate competence and knowledge of nationally recognized practices. Students at Central High School take the Apprentice Drafter certification tests.

