

Possible Career Options:

- ◆ Drafter
- ◆ Engineering Assistant
- ◆ Mechanical Engineer
- ◆ Technical Illustrator
- ◆ Designer
- ◆ Design Draftsperson
- ◆ Computer Aided Drafter
- ◆ Architect
- ◆ Contractor

Serving Member Schools

in the

Delabar Vocational Educational System

- ◆ Abingdon-Avon High School
- ◆ Knoxville High School
- ◆ Galesburg High School
- ◆ Monmouth-Roseville High School
- ◆ ROWVA High School
- ◆ United High School
- ◆ West Central High School
- ◆ Williamsfield High School

**Engineering
Design**



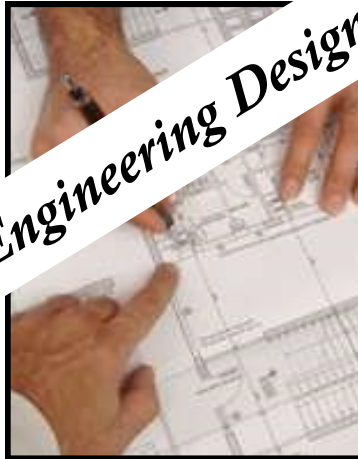
Galesburg Area Vocational Center



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Engineering Design



Job Outlook: Opportunities for drafters are best for individuals who have had at least two years of postsecondary training in a drafting program that provides strong technical skills and who have considerable skill using CAD systems. CAD has increased the complexity of drafting applications while enhancing the productivity of drafters. It has also enhanced the nature of drafting by creating more possibilities for design and drafting. As technology continues to advance, employers will look for drafters that have a strong background in fundamental drafting principles with a higher level of technical sophistication and an ability to apply this knowledge to a broader range of responsibilities. Demand for drafting specialization varies throughout the country because employment is usually contingent upon the needs of local industry. Employment of drafters remains highly concentrated in industries that are sensitive to cyclical changes in the economy, such as engineering and architectural services.

Engineering Design emphasizes the areas of performing presentation techniques such as various graphs, producing architectural drawings, drawing light commercial building plans, interpreting codes and constructing structural working drawings, producing mechanical and electrical/electronic working drawings, producing civil engineering drawings, and using and producing CAD drawings.

