Drafting Techniques for the Fu-

Your second year of Drafting emphasizes the areas of performing presentation techniques such as graphs, interpreting codes, constructing structural working drawings, producing mechanical and electronic working drawings.

Your second year will also focus on more advanced subject areas such as exploration of drafting fields, the use of ANSI Drafting standards and the application of different precision dimensioning techniques. Other concepts emphasized are the development of complete sets of plans and the operation of computer aided drafting equipment.

For additional information on Enrollment, Tuition Payments, Financial Aid, or Guidance, contact the

Career Resource Center Office

573-221-4430

Junior Mena
Design Drafting Instructor
jmena@hannibal.k12.mo.us

Hannibal Career and Technical Center

4550 McMasters Avenue
Hannibal, MO 63401
Ph: 573-221-4430
Fax: 573-221-7971

Hannibal Career and Technical Center

Design Drafting

Part of the Industrial and Engineering Programs

4550 McMasters Avenue •Hannibal, MO 63401
Ph: 573-221-4430•Fax: 573-221-7971
www.hannibal.tec.mo.us

Design Drafting Technology

Your first year of Design Drafting will focus on the exploration of various fields of drafting and the duties you will be expected to perform.

The instructor will cover such areas as instrument drills, freehand sketching, lettering skills, orthographic projections, pictorial drawings, sectioning, auxiliary views and to include views & developments.

Emphasis in these areas includes proper layout and development of drawings and the use of drafting standards as they apply to a drafting station. As you progress with your skills development, architectural drawing and the effective use of CADD equipment will also be incorporated in your classroom experience.

Architectural Drafting

Architectural blueprint reading, symbols, dimensioning, and scale readings are covered. Assignments include simple floor plans, sectional, and elevation drawings.

Mechanical Drafting

Mechanical blueprint reading is covered. Student assignments include drawings showing standard representation of gears, shafts, cams and their displacement diagrams' developments and intersections; types of tolerance dimensioning; and typical details and assembly drafting.