

# Course Studies in Machine Tool

- Setup & Operate various machines
- Learn the working properties of different metals
- Proper use of precision instruments
- Maintenance of machines
- Lathe & Mill work
- Shaping, drilling, & grinding
- Blueprint reading
- Basic foundry work
- Metallurgy
- Heat Treating
- Tool Design



For additional information on Enrollment, Tuition Payments, Financial Aid, or Guidance, contact the **Career Resource Center** Office  
573-221-4430

Aaron Gander  
Machine Tool Instructor  
agander@hannibal.k12.mo.us



**Hannibal Career and Technical Center**

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

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## Machine Tool



*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

# Machine Tool Technology

Our Machine Tool course is designed to teach our students entry-level skills to begin a career in an industrial machine shop. You will first learn and experience the basic and practical applications in the areas of lathe and millwork, shaping, drilling, and grinding. As you progress you will be introduced to blueprint reading, basic foundry work, metallurgy, heat treating and the main components in setting up the shop machinery.

As you advance you will deal with machining processes



You as a machinist will use the knowledge you learn in our course to produce precision metal parts. Although most companies produce large quantities of one part, precision machinists often will produce small batches or one-of-a-kind items. You will use your knowledge of the working properties of metals and your skill with machine tools to plan and carry out the operations needed to make machined prod-

Today's industries are looking for qualified machinist who will be mechanically inclined, have good problem-solving abilities, be able to work independently, and be able to do highly accurate work that requires concentration along with a physical effort. With successful completion of our course you will have the ability to perform the duties needed to be a successful machinist in today's

