The **Physics Machine Shop** is a full-service design and fabrication shop staffed with progressive-minded craftspeople and advanced machinery. The shop’s use of CNC machine tools and CAD/CAM software allows the team the ability to produce complex designs in a wide variety of materials in a timely and cost-effective manner.

Working directly from blueprints or drawings provided by the customers, the team can take these ideas and engineer the user’s particular needs.

The Physics Machine Shop has a wide and diverse collection of capabilities and serves the entire community with precision in the scientific, medical, mechanical, and artistic disciplines. The shop welcomes users from Notre Dame, other academic institutions, industry, and small businesses.

**SERVICES**

**REPAIR**

**WOODWORKING**

**SHEET METAL FABRICATION**

**ENGINEERING**
- Design assistance
- Troubleshooting
- Working from sketches

**MACHINING**
- Multi-axis machining capabilities
- Manual and computer controlled machine tooling
- Drawing software
- Extensive experience in machining and joining technology using a wide variety of materials
- Wire EDM and Ram EDM available
- Engraving services
- Reverse engineering parts to ensure quality work

**WELDING**
- TIG, MIG, Arc, Spot, Oxygen/Acetylene
- Soldering (soft and silver)
- Brazing

**CONTACT**

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*For more information, please see physics.nd.edu/research/machine-shop---physics*