

## Facilities

The Center for High Performance Manufacturing maintains extensive Research & Development facilities. These include the following:

- Dover Laboratory for Manufacturing Systems Integration (*computational laboratory*)
- Robotics and Automation Laboratory
- Harris Manufacturing Processes Laboratories
- Electronic Manufacturing Research Laboratory (*computational laboratory*)
- Intelligent Manufacturing Laboratory
- Sensing and Analytics for Innovative Manufacturing Laboratory
- Design, Research, and Education for Additive Manufacturing Systems (DREAMS) Laboratory



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## The Center for High Performance Manufacturing



### Keeping Manufacturers Competitive

#### Center for High Performance Manufacturing

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# The Center for High Performance Manufacturing

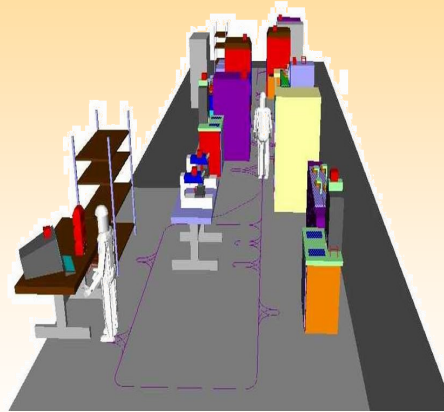
## Keeping Manufacturers Competitive – Now and in the Future!

Manufacturers today are faced with relentless pressure to cut costs, improve operations, and offer new products and services in response to ever-changing customer demands and preferences. To remain competitive, firms must continually develop and implement new processes, methods, and technologies.

The **Center for High Performance Manufacturing (CHPM)** was developed to do just this - help YOU become a high-performance manufacturer.

### Our Mission:

*To help manufacturing firms become high-performance manufacturers through research and the development of tools and technologies.*



### Areas of Expertise

1. Human Factors
2. Manufacturing Ergonomics
3. Innovation-Based Manufacturing
4. Production and Information Systems
5. Flexible Automation and Lean Manufacturing
6. Manufacturing Logistics and Supply Chain Management
7. Rapid Manufacturing and Low-Cost Composite Manufacturing



## ...what manufacturing can be

### What Does the Center Do?

The Center for High Performance Manufacturing works to discover new and innovative ways to help manufacturers with their operations challenges. We do this through manufacturing research and technical assistance projects.

Our goal is to provide, Leadership to solve the manufacturing challenges of Virginia firms; Sponsorship to swiftly and appropriately respond to industry inquiries and proposal requests; and Stewardship to direct and coordinate resources for the support and development of interdisciplinary manufacturing education, research and services.

The Center acts as a portal through which many inquiries are funneled pertaining to manufacturing research and development.

Visit us online at [www.chpm.ise.vt.edu](http://www.chpm.ise.vt.edu)

