

Additive Manufacturing 3D Printing



THE
MANUFACTURING
COLLABORATIVE

**Additive Manufacturing (3D Printing)
services for both polymer and metal
with multiple material choices**



Polymer Additive Manufacturing

- Functional prototypes for rapid development
- High precision, complex geometries
- Manufacturing fixtures to increase capacity
- Low volume production, bridge to injection molding
- Multiple material options: Biocompatible, high-temp, high strength, clear, flexible, rigid and more



Metal Additive Manufacturing

- Complex and high-performance parts
- Allows design with internal fluid channels
- Reduce weight with lattice structures
- Consolidate parts and reduce assembly
- Improve lead times
- Customized, low volume parts



Related Services

- Design for Additive Manufacturing (DfAM)
- Post process machining and finishing
- CT Scanning and material testing
- FEA, CFD, Fatigue and thermal simulation
- Process development for new alloys
- Technology adoption and integration

Contact us to learn more



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contact@TheMfgCollaborative.com



An Initiative of
Vermont State University



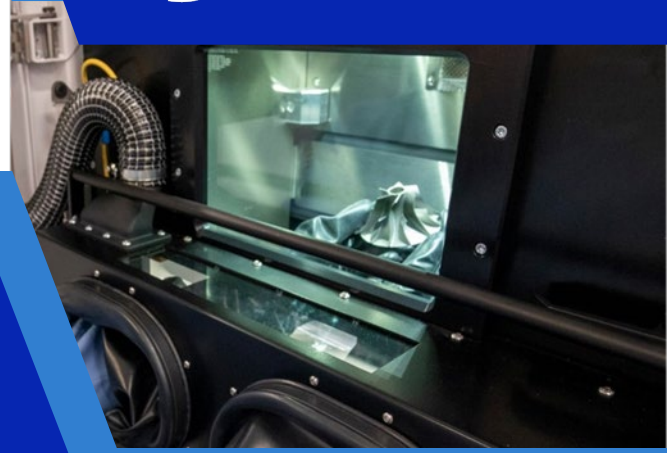
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Accelerating Industry, Inspiring Learners



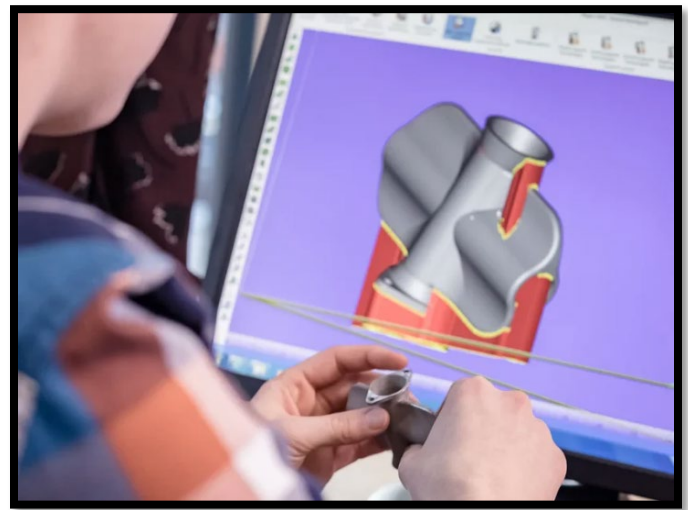
THE
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Helping businesses thrive by making advanced manufacturing technology accessible and developing the highly-capable workforce to support it.



Manufacturing Services

- Digital engineering / digital design
- Design for manufacturability
- Rapid prototyping
- Product testing and metrology
- Short run production



Technical Training

- Hands-on experience with advanced technologies
- Practice on real world industry problems
- Demonstrable skills for career development
- Customized training

Technology Integration Services

- Technology adoption and integration
- De-risking and demystifying equipment investment
- Access to advanced technologies

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