

## Rapid Prototyping Product Realization Lab Capabilities

**summary...** State-of-the-art manufacturing facility producing high quality rapid prototype models for start-up companies and established businesses. Provide solutions to meet specific needs from design to production providing plastic (nylon) prototypes and limited-run plastic part manufacturing.



**description...** This state-of-the-art manufacturing lab produces **high quality rapid prototype models** for business, education and industry. This lab provides solutions to meet specific needs from design to production providing **plastic (nylon) prototypes and limited-run plastic-part manufacturing**. From a hand-drawn sketch, a picture image, or a computer drafted design, this lab can create a 3D solid that can evolve into a prototype. Models are drafted from scratch using AutoCAD, Inventor, SolidEdge, Magics, and Cobalt. Additionally, we can easily convert files generated in many other CAD software.



**market significance...** To stay competitive in the global marketplace, businesses recognize the benefits of rapid tooling technologies. This lab can produce a single prototype for further design and testing, or small batch quantities of functional plastic parts. This process offers significant reduction in time from idea to part, allowing the company to stay a step ahead of the competition. **This is a great place for entrepreneurs to create their invention as a prototype and test the marketplace with a limited run of product.**

**stage...** We offer product design assistance, computer aided design, rapid prototyping, injection molding, and machining capabilities. Industries served include: appliance, electrical, medical devices, education, entertainment, marine, tool, and water purification.

**keywords...** rapid prototyping, 3D solid prototypes, AutoCAD, manufacturing, injection molding

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