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National Center for Rapid Technologies

Welcome to RapidTech!

RapidTech is an educational entity that is part of Saddleback College and partially funded by the National Science Foundation. The National Center assists businesses, educational institutions, entrepreneurs and community-based organizations develop new products and designs using innovative rapid prototyping technologies, additive manufacturing, and reverse engineering. The rigorous educational program offers learning opportunities for interested students to learn and use these advanced technologies while collaborating on projects with national businesses in the aerospace, medical device, automotive, consumer products and art animation industries.

RapidTech specializes in

Product development
 Early Stage Concept models
 Reverse engineering
 Rapid prototyping
 Additive manufacturing
 Data manipulation and file repair
 Packaging assistance
 Resin Casting
 Economic development workshops
 Business seminars
 Corporate Training

Goals of RapidTech

RapidTech's vision is to serve as an expert resource, partner and consultant to businesses and educational institutions requiring rapid prototyping and additive manufacturing assistance.

RapidTech

- Develops new curriculum programs, based on input from industry, in such new technologies as Stereolithography, Selective Laser Sintering, Laser Scanning, Fused Deposition Modeling and 3D Printing. The curriculum is based on industry's workforce needs. Graduates of these programs will be prepared for careers in new fields such as additive manufacturing and rapid prototyping.
- Prepares faculty for the development and implementation of industry-driven, next-generation manufacturing coursework and laboratories. The program develops work-based learning curriculum projects for students, which are disseminated through hands-on workshops, seminars, conferences, and distance education learning.
- Increases opportunities for collaborations between businesses and schools which will ultimately increase the pool of qualified technicians in the workforce and provide businesses with affordable prototyping and design products and solutions.

Funding for RapidTech is provided by the Advanced Technology Education program of the National Science Foundation. For information on other Center grants, go to <http://www.atecenters.org/>.

RapidTech...Offering truly "Best of the best" in rapid prototyping education.

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This material is based upon work supported by the National Science Foundation under Grant No. 0702912. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the

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