

NSF ATE MOBILE AMP PROJECT



IMPACT

12 High school teachers being trained.

30+ Training videos made.

12+ Hours of video tutorials and guidance.

THE GOAL

To move additive manufacturing technician educators and students away from 3D printing key chains and trinkets to using this advanced and powerful technology to 3D print products that manufacturing industries are truly interested in and utilizing the advanced design and production capabilities of AM along with Generative Design, lattice structures, exotic composite plastic materials, highly durable resins, and even low cost metal 3D printing to make next generation products.

From This:



To This:



4 Community colleges being equipped with FDM and SLA 3D printers.

Community college instructors being trained in 3D printing.

14

THE OBJECTIVES

1. Student and instructors gaining practical additive manufacturing skills.
2. Community groups, agriculture groups, and industry gaining practical additive manufacturing skills and producing new products, tools, and professional solutions.
3. Regional utilization of additive manufacturing and closing the gap on home consumer 3D printer use.



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The Additive Guru



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