



## 3D PRINTING COURSES

“People and companies that are adopting 3D printers are routinely realizing tremendous time and cost savings in their product creation and development cycles.”

– International Data Corp.

### Did you know that 3D Printing is being used by:

- Airbus, Ford, and GE to print 3D parts for their planes, vehicles, and equipment.
- Align Technology to 3D print clear aligners and orthodontic alternatives to braces.
- Nike to print a Nike football shoe.
- Bakeries to 3D print personalized cake toppers.



### FOR TEACHERS - PRIMER ON 3D PRINTING WITH FOCUS ON CLASSROOM INTEGRATION

In this class students will be introduced to this exciting technology and the objects that can be made with a 3D printer. Projects will be discussed so teachers can readily incorporate 3D printing into a 21st century classroom to inspire the next generation of engineers, architects, industrial designers, artists and business people.

In this course, students will be taught the basics from setting up and maintaining 3D printer equipment to common terminology and best practices on how to navigate and utilize transformation tools available on AutoDesk123. Students will take a look at 3D content creation through 3D modeling and scanning, and with a 3D printer in the classroom, see how this technology works firsthand. Students will go online to discover, explore, and share 3D printing designs including creative communities like Thingiverse® Discussion Groups and research other open source designs, community resources and tools for bringing 3D into the classroom. While developed for educators, this course is open to all those interested in learning the fundamentals of 3D Printing on a Makerbot® 5th Generation Replicator. **ONE-DAY WORKSHOP. Bring lunch and USB drive.**

**Instructor:** Marc Leonard

**CE1 250 A1** Meets: Saturday, November 3, 2018 9:00am-3:00pm.

**Fee:** \$175

### ON SITE 3D PRINTING TRAINING

If you are interested in having a 3D Printing workshop or full day training provided on site at your school or business, please contact Dawn Nolan at 516.572.7489



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