

# 3DCAD MASTERS

Intro to Engineering Design Graphics  
For Kids And Teens.



**FREE  
Workshop**



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**3D CAD Education For Kids And Teens:** Learn Intro to Engineering Design Graphics with Sketchbook and Creo Parametric 3, a state-of-the-art and professional 3D CAD software used by major corporations. Younger students will gain a high-tech skill and develop a basic knowledge used in mechanical engineering design. Develop real life skills while making friends that share the same interest.

### Course Prerequisites

- Skills: Legos, Rubik Cube, Minecraft, SketchUp, Origami, or 3D Puzzles.
- Ages: 10 to 18

### What Students Will Create

- Elements of engineering hand sketches
- Parallel-projected orthogonal views
- 3D CAD (Computer-Aided Design) with 3D mouse
- Engineering models and assemblies
- Detailed drawing views with accurate dimensions
- Models compatible with 3D printers

### Develop Real Life Skills

- Acquire knowledge of CAD software that corporations use in product design
- Gain a basic skill of engineering graphics, the language that engineers and scientists use to communicate

### Foster Personal Development

- Learning development with experienced professional engineer (P.E.) and former adjunct university instructor
- Develop a designing skill with creative and reverse-engineering projects
- Earn certificates of completion on three different levels

## 3DCAD MASTERS

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## INTRO TO ENGINEERING DESIGN GRAPHICS FOR KIDS AND TEENS

**3DCADMASTERS.COM**

Memorial City, Sugar Land

**Curiosity | Create | Compute | Compete**

Give your child a head start and an  
advantage in life.

creo  
A PTC Product

Unlock potential within  
your organization

Creo, PTC's new family of design  
software, is built to solve chronic  
problems that have long plagued  
companies that use CAD software.

