



Duration

3 days

Participants

The group of attendees is limited to 6 participants.

Location

Currently offered in North America (Eden Prairie, Minnesota)

Prerequisites

In order to be awarded a "PolyJet Certification for AM Designers" rating, participants must also complete the "PolyJet Advanced Operator" course. These courses can be taken in either order, but it is highly recommended to complete the operator course prior to taking this designer course. Participants are also encouraged to complete our entry level eLearning courses. These machine specific courses are freely available at [PolyJet Printers | Stratasys Academy™](#) online.

Training Language

English

Target audience

Designers and Engineers

Stratasys PolyJet Certification for AM Designers

Training Description

The purpose of this course is to equip AM designers and engineers with the knowledge, skills, and hands-on experience to fully utilize the capabilities of their PolyJet 3D printers. In this course students will learn about:

- Advanced Color Matching
- Advanced GrabCAD Print Color & Texture Tools
- Finishing Applications
- Printing with Textures & Transparencies
- Using Photoshop to create Texture, Opacity Maps, and Height Maps
- Using KeyShot to Texture Parts, Assign Materials, Control Opacity, and Create Displacement

Objective of this Training

Upon successful completion of the designer certification path, participants will have an advanced understanding of a key AM technology and be able to print parts to their fullest potential, maximizing the capabilities of their printers.

Stratasys PolyJet Designers Certification

DAY 1	DAY 2
Color Theory & Color Profiles	Printing with Textures and Clarity
Color in Traditional Manufacturing	Introduction to Key-Shot
Color File Formats	Perfume Bottle Photoshop and KeyShot Exercise
GrabCAD Print for Color & Texture	CAD Software Color and Texturing
Color Matching Exercises	F1 Steering Wheel KeyShot and GrabCAD Print Exercise