



Duration

2 days

Participants

The group of attendees is limited to 6 participants.

Location

Stratasys regional offices

Prerequisites

Online program on Stratasys Academy Learning Management System with the following mandatory items:

- Stratasys FDM Materials
- Stratasys 3D Printing Software
- Stratasys Applications
- Production Parts
- Manufacturing Aids: Jigs & Fixtures
- Design for Additive Manufacturing Using FDM

Instructor-led training with remote delivery option:

- Advanced Insight and File Preparation

Successful completion of the above prerequisites will entitle participants to register to the in-person, face-to-face certification course at Stratasys regional training centers.

Training Language

English

Target Audience

Engineers

Contact Info

For more details and registration:

US: training.us@stratasys.com

Europe: training.emea@stratasys.com

Stratasys FDM Certification for AM Engineers

Training Description

The purpose of this course is to equip AM Engineers with the knowledge needed to optimize the use and output of their Stratasys FDM printers. You will learn about design guidelines, preparing parts for printing, and advanced troubleshooting.

The program consists of:

- A 2-day training event at Stratasys with an expert trainer
- A final certification exam

Objective of this Training

By the end of this course, participants will be able to:

- Design a model in FDM
- Identify which materials are best suited for a desired application
- Run an end-to-end workflow from pre-printing considerations to post-processing and finishing
- Design movable parts and experiment with them
- Chose and adjust printer settings per print to fulfill use case requirements
- Understand the considerations for optimizing end parts
- Become familiar with topology and support considerations
- Troubleshooting design issues in CAD files

Upon successful completion of the certification training, participants will have an advanced understanding of a key AM technology and be able to design parts in a way that maximizes and optimizes part quality, strength, material consumption, and production time.

Stratasys FDM Certification for AM Engineers (ILT)

DAY 1	DAY 2
Introduction	Q&A Day 1
System & Component Overview	Design for Additive Manufacturing (DFAM)
Safety	Machine Operation Troubleshooting
Best Practices	Software Troubleshooting
Machine Operation	Part Quality Troubleshooting
Pre-Printing Considerations	Finishing Techniques
Post-Processing (Hands-on)	Knowledge Resources
Daily Review	Training Summary