



Operationalize your Additive Investment with

Markforged University

Markforged University is a comprehensive training program for engineers that accelerates mastery of Markforged Composite and Metal 3D printing technology, enabling companies to realize the full potential of their technology investment and ensure successful adoption.



Maximize investment impact

Identify the highest impact problems facing your business and scope engineering feasibility.



Accelerate additive adoption

Realize the full potential of your investment faster and upskill your workforce for additive scalability.



Built on experience

Advanced DfAM techniques based on field knowledge and proven workflows for best outcomes.

Customer Education Programs

Technical Certifications

Our Composites and Metal certification programs teach the core concepts of additive manufacturing and Markforged processes through advanced application identification and Design for Additive Manufacturing.

Online learning from anywhere

Achieve certifications and upskill your entire workforce from the convenience of an accessible online learning platform.

Comprehensive curriculum

Learn through multi-media content including recorded lectures, real-world demos and case studies, guided tutorials, and more.



Course Catalog

Certified Additive Expert Composite

Composites Core

Foundations of Composite Additive Manufacturing (AM)
Intro to Fused Filament Fabrication (FFF)
Intro to Continuous Filament Fabrication (CFF)
Fundamentals of Eiger
The Markforged DfAM Framework
Common Manufacturing Applications

Composites Essentials

Fiber Reinforcement Strategies Design for FFF+CFF Part 1
Design for FFF+CFF Part 2
Opportunity Identification on the Manufacturing Floor
Selecting a Fiber for Your Application
Business Impacts of AM Adoption

Advanced Composites

Welcome to Advanced Composites
Incorporating Hardware Into Composite Parts
Optimizing Composite Supports Through Design
Designing Multi-Part Assemblies
Post-Processing Composite Parts
Introduction to Additive vs. Traditional Manufacturing

Certified Additive Expert Metal

Metal Core

Metal Essentials
Introduction to Markforged Printing Processes
Markforged Printer Capabilities & Materials
Introduction to Identifying Applications
Introduction to Design for AM (DfAM)
Quantifying Business Benefits of AM Adoption
Building a Business Case

Metal Essentials

Metal System Operation and Printing
Intermediate Eiger Operation
Selecting Metals for Your Application
Design for ADAM Case Study
Design for ADAM