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