Operationalize your Additive Investment with

Markforged University

Markforged University is a multi-day formal comprehensive training program for engineers and managers 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.

Business Elective

With the Business of Additive course, learn the necessary skills to sustainably implement additive technology into your organization.

Engineered For Your Business Needs

Online learning from anywhere

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

Certification workshop at Markforged headquarters

Join us at our headquarters in Watertown, MA for an in-person training intensive with our expert Markforged University staff.

Certification program delivered at your facility

Bring the skillset of our expert staff to your facility for company-specific training curriculum and problem-solving.

Course Catalog

Markforged Certified Additive Expert Composites

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

Composites Advanced

- Welcome to Advanced Composites
- Incorporating Hardware Into Composite Parts
- Optimizing Composite Supports Through Design
- Designing Multi-Part Assemblies
- Post-Processing Composite Parts

Markforged Certified Additive Expert Metal

Metal Core

- Introduction to Additive vs. Traditional Manufacturing
- 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

Elective

Business of Additive

- Additive Change Management
- Sustainable Implementation
- Additive ROI Calculator
- Accounting for Your Current State
- Quantifying Future Opportunities