HP MJF Additve Fertigung Online Training

Sonderaktion

thinkTEC 3D

Umfang:

2 Std.
Konstruktionsrichtlinien Bauvorbereitung

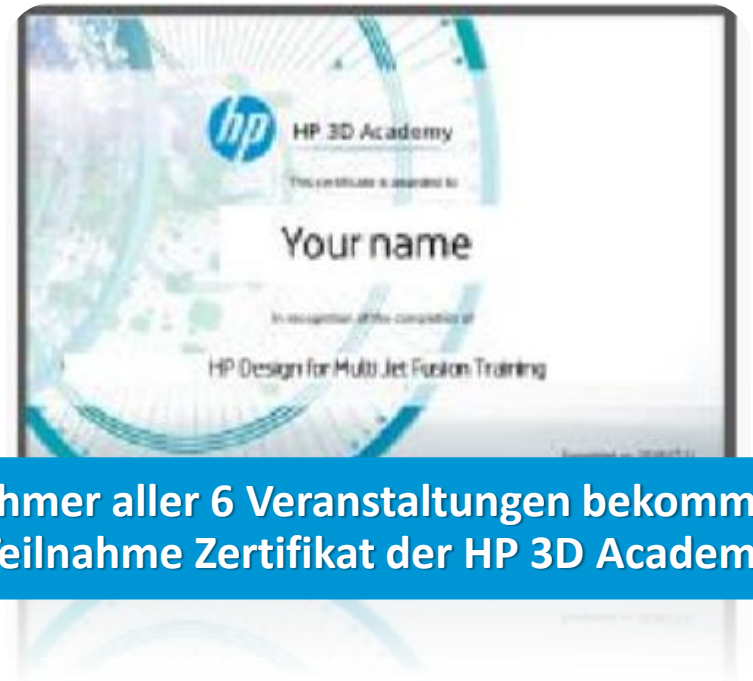
2 Std.
Konstruktionsrichtlinien Farben & Texturen

2 Std.
Konstruktionsrichtlinien Topology & Post-Process

2 Std.
Materialeigenschaften Baugruppenkonstruktion

2 Std.
Kostenoptimierung Medienbeständigkeit

2 Std.
Re-Design for MJF Bauteil Identifkation



Teilnehmer aller 6 Veranstaltungen bekommen ein Teilnahme Zertifikat der HP 3D Academy

Sonderaktion:
Bei Bestellung eines Volumenkontingents / Bauteilen i.H.v € 1000 bis 31.07. bekommen Sie die Teilnahmegebühr für 1 Person erstattet!
(Voraussetzung ist die Vorlage des Workshop Zertifikats)

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thinkTEC 3D

1

Price: 0€

Design guidelines and job preparation

- **Design Guidelines**—Presents the reasons behind the basic dimensions and tolerances that can be achieved with HP Multi Jet Fusion technology with specific design examples.
- **Job Preparation**—Looks at how part designs are nested within the build chamber to illustrate how design decisions impact not only cost reduction, but also final part quality and repeatability.

120m

2

Price: 0€

Design for color and textures

- **Color & 3D Textures** —Offers strategies for unlocking enhanced value by designing and printing parts directly in color, and with rich, functional textures.

120m

3

Price: 0€

Design for post processing and topology optimization

- **Design for Post Processing**—Shows how post-print processing can be used to add extra functionality and how design can overcome process limitations such as lengthy post-processing times.
- **Topology Optimization**—Explores how part geometries can be optimized topologically for HP Multi Jet Fusion technology in conjunction with FEA software to create parts with organic designs that provide stiffness and lightweight properties, without compromising mechanical performance.

120m

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4

Price: 60€ per seat

Metamaterials and design for parts assembly

- **Metamaterials**—Looks at the theory behind lattice structures and metamaterials, looking at where and how to apply lightweight design elements, the tools available, and design possibilities.
- **Part Consolidation & Assembly**—Provides specific techniques and design features for functional printed assemblies, large parts assembled after printing, and applications that require post-printing assembly.

120m

5

Price: 60€ per seat

Design for fluid management and for cost

- **Fluid Management**—Delves into possibilities offered by HP Multi Jet Fusion technology, together with most advanced fluid motion software, in overcoming existing design limitations, which help designers to create innovative products with faster time-to-part and lower costs.
- **Design for Cost**—Examines what drives part cost, how to reduce cost through part design, and offers key strategies, techniques, and tools for minimizing cost per part.

120m

6

Price: 60€ per seat

Part selection and re-design exercise

- **Part Re-design Exercise** — Reviews steps to identify, define, and select strategies for HP Multi Jet Fusion technology. Explore design for assembly, other advanced design optimization strategies, and understand design impact on cost.
- **Selecting & Printing HP Multi Jet Fusion Parts**—Highlights key considerations when selecting which parts to design for HP Multi Jet Fusion technology and requesting the printing of HP Multi Jet Fusion part designs, what to include in 2D and 3D drawings, and where to print.

Note: Completion of webinars 1 through 5 is a prerequisite for webinar 6 registration.

120m