

voxeljet Academy

Active Training

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✓ VOXELJET ACADEMY

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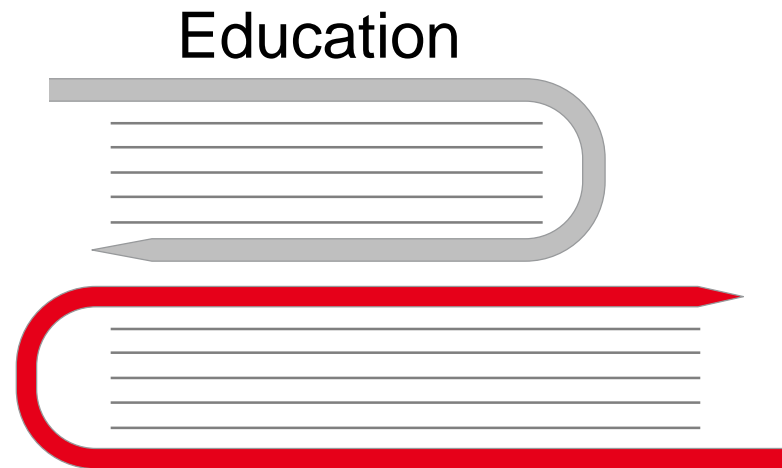
✓ VOXELJET ACADEMY

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VOXELJET ACADEMY

Today only lateral entrants such as engineers and practitioners work in the additive manufacturing sector. Basically they are educated in classical manufacturing methods. Neither at universities nor during company training are additive manufacturing methods adequately trained.

The education of employees and customers is actually a big job for the future and the voxeljet Academy makes it possible.



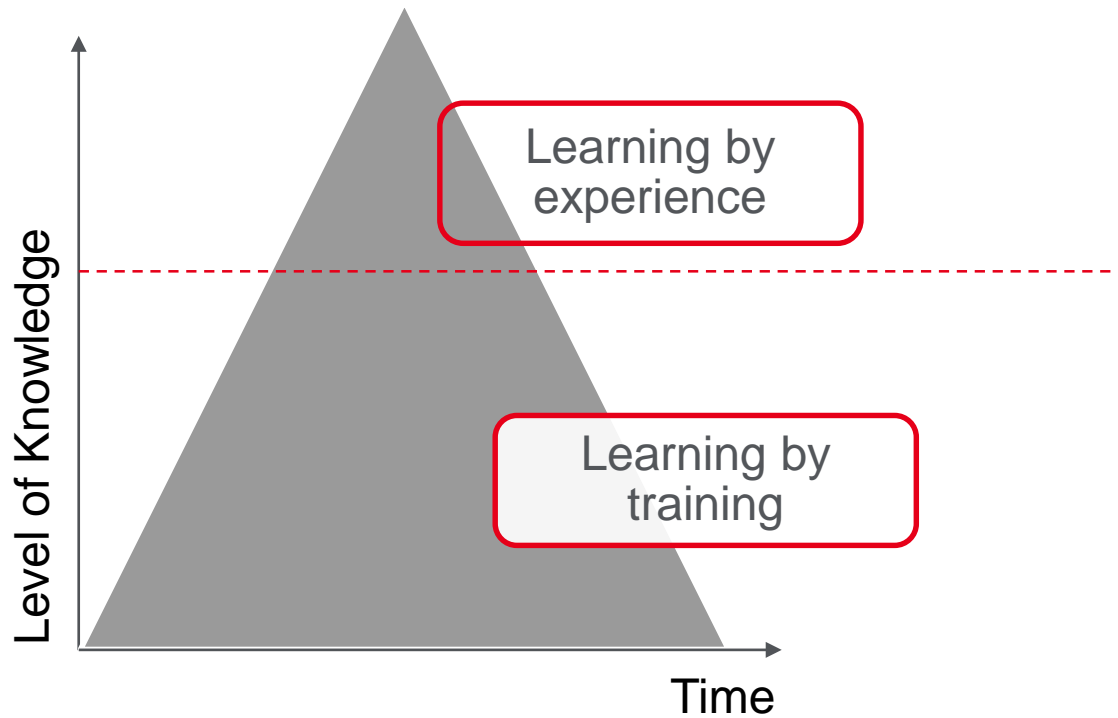
WHY IS TRAINING SO IMPORTANT?

SYSTEM

USER



TRAINING VS. JOB



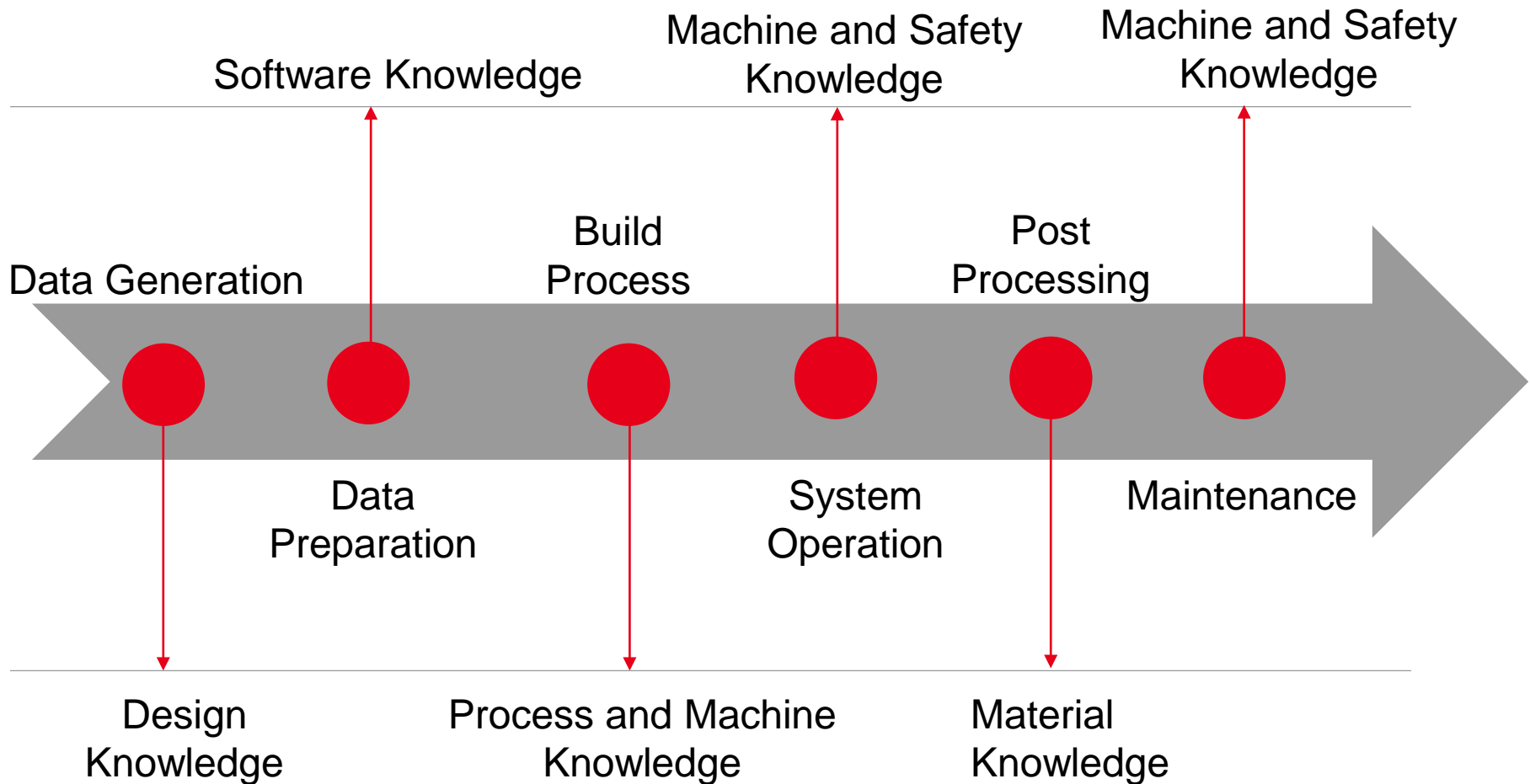
TRAINING IS A METHOD OF ENHANCING HUMAN PERFORMANCE

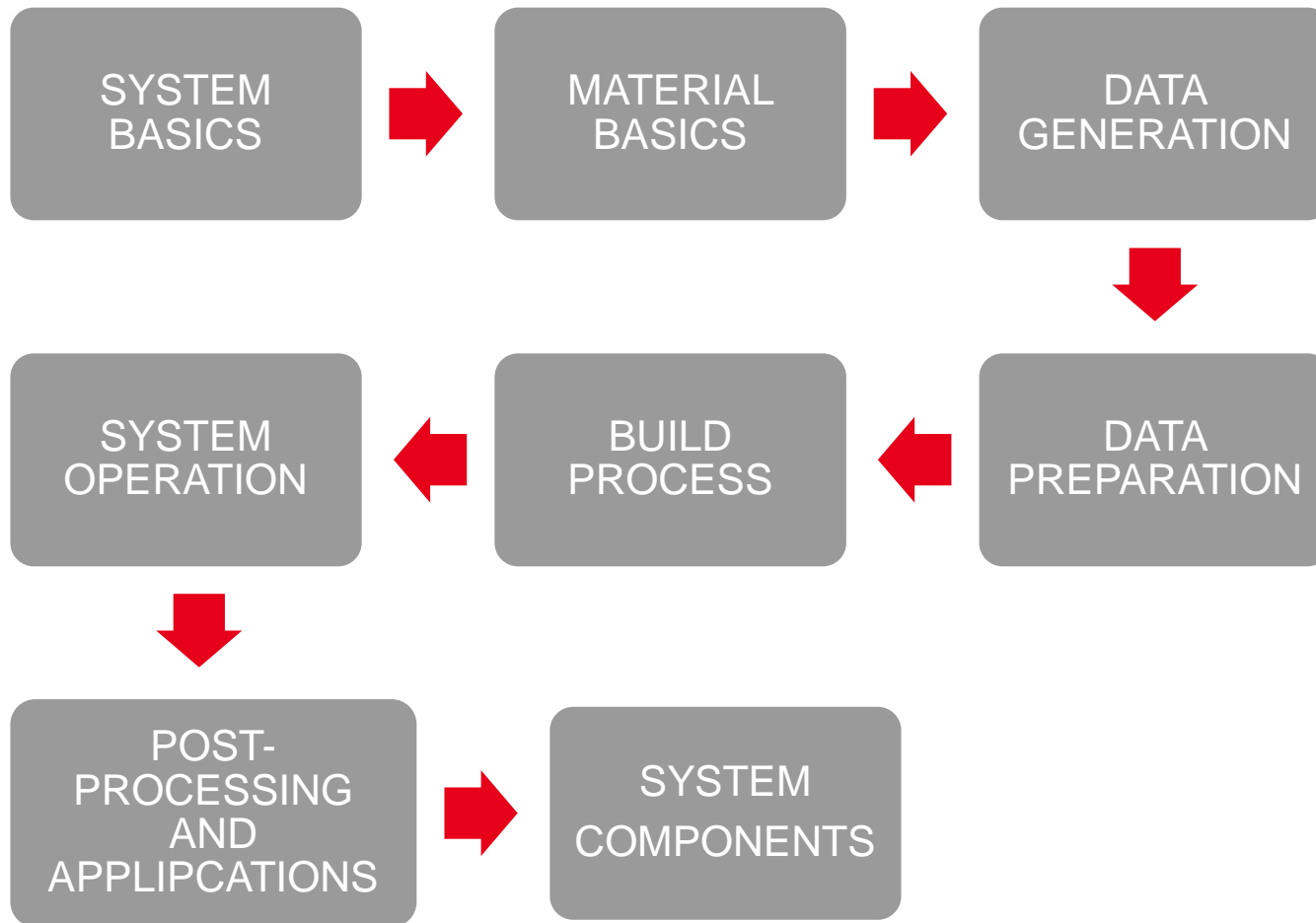


ENHANCING HUMAN PERFORMANCE INCREASES OPERATING TIME



EMPLOYEE QUALIFICATIONS





CONTENT

- Safety instructions
- Performance specification
- System description

MODULE

SYSTEM
BASICS

CONTENT

- Safety instructions
- Powder and binder basics
- Material management

MODULE

MATERIAL
BASICS

CONTENT

- Basic design rules
- CAD-Software
- Simulation

MODULE

A large, rounded rectangular box with a grey background and white text. The text reads 'DATA GENERATION' in a bold, sans-serif font, centered within the box.

DATA
GENERATION

CONTENT

- Software
- STL data
- CLI data

MODULE

A large, rounded rectangular box with a grey background and white text. The text is centered and reads 'DATA PREPARATION' in a bold, sans-serif font.

DATA
PREPARATION

CONTENT

- Process chain
- Apply particle material
- Apply binder

MODULE

A large, rounded rectangular box with a grey background and white text. The text reads 'BUILD' on the top line and 'PROCESS' on the bottom line, both in a bold, sans-serif font.

**BUILD
PROCESS**

CONTENT

- Operation software
- System preparation
- Starting print job

MODULE

A large, rounded rectangular box with a light gray background and a thin dark border. The text 'SYSTEM OPERATION' is centered inside the box in a bold, white, sans-serif font.

SYSTEM
OPERATION

CONTENT

- Finishing and unpacking
- Foundry process
- Quality management

MODULE

POST-
PROCESSING
AND
APPLICATIONS

CONTENT

- Print head
- Recoater
- Advanced troubleshooting

MODULE

A large, rounded rectangular box with a grey background and white text. The text reads 'SYSTEM COMPONENTS' in all caps, centered within the box.

SYSTEM
COMPONENTS

CONFUCIUS DECLARED:

What I **hear**, I *forget*.
What I **see**, I *remember*.
What I **do**, I *understand*.

VOXELJET RECOMMENDS:

*When I only **hear**, I forget.*

*When I hear and **see**, I remember a little.*

*When I hear, see, and **ask questions** and **discuss** with someone else, I begin to understand.*

*When I hear, see, question, discuss, and **do**, I acquire knowledge and skills.*

*When I **teach** someone, I master what I have learned.*

The voxeljet Way of Learning

Theory

Practice

Explanation

Training Exercise

Discussion

Teaching

THIS TRAINING IS BASED ON THE PRINCIPLES OF ACTIVE LEARNING.

The methods we will use are designed to

- Increase participation
- Deepen retention
- Encourage application
- Increase the level of knowledge
- Increase job performance and operating time

**Retention (Philosophy), the ability of consciousness to capture not only the current perceptions, but also truths of the immediate preceding moment.*

OVERVIEW

Active Training	1000,00 €/day
.....	+ Accommodation
.....	+ Travel costs
.....	+ Flight costs



I'm happy to pass on the 3D printing knowledge to you. Professional competence gives you the decisive advantage when working with your 3D printing system and printed forms and models.

Stefan Kloß
Head of voxeljet Academy

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