

# Innovative Teaching and Learning for Industry 4.0

## TD-004.01 TVET Management Changes / Consequences for Trainees due to Industry 4.0

The 4th industrial revolution (Industry 4.0) has impact in all our activities in different areas. Disruption is the term used in many cases to describe the changes. This situation requires a deeper understanding of the paradigm change going on in industry and the identification of consequences for our life and the skilled work and TVET Centres.

### Learning outcomes

On completion of the training, participants

- describe the overall developments of Industry 4.0 and consequences for TVET Centres
- know about deep changes in technology and use of Industry 4.0 technology
- Examine the changes of work for optimizing efficiency due to Industry 4.0
- state about consequences of the paradigm change for sustainability, skill needs, workforce and TVET Centres
- explain consequences for TVET due to Industry 4.0
- management of TVET Centres because of changes of work requirements

### Contents

- Overview of developments of Industry 4.0 and consequences for TVET
- Skill needs because of the reorganization of work-in companies due to Industry 4.0
- Deep insight into the interrelation of changes of work organisation, use of technology and the implications for TVET Centres
- How to shape the organisation of TVET centres in a human friendly way due to Industry 4.0
- Didactical laboratory concepts for Industry 4.0 training

### Formats

Virtual format implemented with following methods:

- Online-seminar
- Individual work/ Self-Learning
- Cooperative work

### Language

- English
- Upon request: other languages with interpreters

### Target groups

- TVET experts
- TVET management staff
- Decision makers from relevant ministries, authorities and institutions from all occupational fields

### Participation requirements

- Experience in TVET institutions
- Experience as TVET Manager

### Duration

- 12 hrs (3 days)

### Certificate

The participants will receive a certificate of participation after successful completion of the course.

### Your contact

#### TVET Academy

Academy for International Cooperation  
Deutsche Gesellschaft für Internationale  
Zusammenarbeit (GIZ) GmbH

Christian Hoffmann (Mr.)

E [christian.hoffmann@giz.de](mailto:christian.hoffmann@giz.de)

I [www.giz.de/tvet-academy](http://www.giz.de/tvet-academy)

I <https://tvvet-academy.de>

Book Now at [learning-giz](https://learning-giz.de)