

# Digital Teaching and Learning 4.0

## Sample Course: Digital Media Tools and Applications for TVET

During and after the COVID-19 crisis modern digital cooperation and production suites like MS Teams, Zoom / Google Suite as well as Social media became very popular for e-learning by educational institutions all over the world. It is expected that these and similar applications will permanently change the way of teaching and learning. The course gives an introduction on how to use these tools and applications for teaching, learning and collaboration in TVET.

- **Content, elements, format and duration can be customized to the respective needs**

### Learning outcomes

On completion of the training, participants

- apply relevant pedagogical and technical principles for digital teaching and learning with digital media tools and applications
- develop and design courses with digital media tools and applications
- conduct and evaluate courses in digital media tools and applications
- integrate different digital media tools and applications into conventional teaching and learning
- communicate and collaborate with students online

### Contents

- digital media tools and applications (like MS Teams, Zoom / Google Suite as well as Social media and their functions)
- Designing, conducting, administrating and evaluating courses with digital media tools and applications
- Relevant ICT hardware
- Design and production of text-based media, presentations, images and video
- Online communication techniques
- Data security and copyright
- Relevant pedagogical and media concepts

### Formats

Virtual format implemented with following main digital media (e-learning) elements:

- Lectures/presentations via video stream (live or on demand)
- Group and one-on-one video calls for mentoring and discussion

- Text-based communication chat, group chat, e-mail and message boards (e.g. MS Teams channels)

The practical approach includes group and project work.

### Language

- English
- German
- Upon request: other languages with interpreters

### Target groups

- Persons with interest to get an deeper inside on the topic
- TVET teachers
- TVET experts
- In-company trainers

from all occupational fields and business sectors

### Participation requirements

- Basic ICT / computer skills
- basic professional experience

### Duration

- 40 hrs (7 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

E [tvvet-academy@giz.de](mailto:tvvet-academy@giz.de)

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

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