

# Digital Teaching and Learning Fundamentals

International Competence Development in Technical and Vocational Education and Training (TVET)

## TOPICAL AREA: TVET and Digitalization

The participants will get a basic training on state-of-the-art concepts and applications of Digital Media and ICT for teaching and learning. The training program consists of two courses, one theoretical/conceptual and one practical application-oriented course:

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

This topic includes the following courses:

Course 1: Theories and Concepts of Digital Teaching and Learning

Course 2: E-Learning in Practice

### LEARNING OUTCOMES

On completion of the training, participants

- describe relevant pedagogical and technological theories and concepts
- compare different scenarios, formats, tools and applications of digital teaching and learning
- are able to design (e-)didactical concepts for teaching and learning with digital media
- are able to plan, conduct and evaluate teaching-learning activities with digital media
- teach students on digital media literacy

### CONTENTS

A strong focus is on easy-to-use and applicable theories, concepts and tools, such as:

- E-didactics, instructional design, media types, media user types, e-curriculum and training plan development
- Different types and methods of e-learning and blended learning
- Digital literacy and media competence
- E-learning tools and apps (LMS, Teams, Google)
- Necessary hardware
- Media production: creating presentations, videos, preparing teaching and learning material
- Conducting and managing e-trainings; online communicating; online assessment
- Data security and ethics, netiquette, copyright
- Tipps and tricks, do's and don'ts

### FORMATS

- Virtual formats
- Blended learning

### LANGUAGE

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

### TARGET GROUPS

- TVET teachers
- TVET experts
- In-company trainers

from all occupational fields and business sectors

### DURATION

60 h per course (recommended)

### CERTIFICATE

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

### YOUR CONTACT

#### TVET Academy

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