Digital Teaching and Learning Fundamentals

Course 1: Theories and Concepts of Digital Teaching and Learning

TOPICAL AREA: TVET and Digitalization

The participants will get a basic training on modern, student-centered pedagogical and technological theories and concepts for teaching and learning with digital media. This includes full online (e-learning), blended learning and classroom teaching with digital technologies. The used concepts and theories are related to TVET practice.

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

LEARNING OUTCOMES
On completion of the training, participants
- describe different pedagogical and Digital Media theories and concepts
- compare and apply different e-learning, blended learning and classroom formats and scenarios involving Digital Media
- develop didactical concepts for using Digital Media in teaching and learning
- teach students on digital media literacy

CONTENTS
- Digital media theories and concepts for teaching and learning
- Digital teaching and learning methods and e-didactics
- Digital media-oriented curriculum development
- Concepts and models for developing teaching and learning scenarios
- Course organization and structures
- Data security and ethics, netiquette, copyright
- Tipps and tricks, do's and don'ts

FORMATS
The training is designed to be provided as a full online (e-learning) course. The student-centered and practical approach includes at least 50% group and project work.

Main digital media (e-learning) elements are:
- Lectures/presentations via video stream (live or on demand)
- Collaboration and productivity software like MS 365 (Teams, Office) or Google Apps
- 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)
- Learning Management Systems (on demand)

Optional:
- *Instead of a full online course, a blended learning or a classroom training can be organised*
- *Exams can be conducted on request*

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

PARTICIPATION REQUIREMENTS
- Basic ICT skills
- at least 3 years of professional experience in TVET college, institute, agency, university or company.

DURATION
- 60 h (recommended)

EQUIPMENT
- Notebook / PC
- Stable internet connection
- Integrated or external microphone
- Optional: webcam

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 tvet-academy@giz.de
I www.giz.de/tvet-academy