The Festo Didactic Concept for “e-Skilling”

Virtual Colloquium
Taxonomy of Digital Technical and Vocational Education and Training (DTVET)

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Digital Education is driven by two focus sectors:

- **Education of Digital Technologies**
- **Digital Education**

**TecEd - Technology Education**

New and increasing challenges regarding the qualification of technicians and engineers

**EduTec - Educational Technologies**

New and increasing challenges regarding customized educational solutions
The Festo Blended Learning Approach

Employers – work analysis:

- Needed professions
- Work requirements
- Duties and tasks

Outcomes of the program:

After the qualification program the students...
- Can...
- Are able to...

Curriculum development:

Based on DACUM methodology

Competence development program:

Certification

Macro-economic sector analysis

Presence session 1

Coaching: setting targets
Bootcamp: find your profession

Presence session 2

Coaching: learning support
Bootcamp: knowledge to skills

Presence session ...

Coaching: learning support
Bootcamp: knowledge to skills

Self learning phase 1 on basis of learning nuggets

Self learning phase ... on basis of learning nuggets

Exam & capstone project

Entrance test

Obtained nuggets

Knowledge/Understanding
Doing/Skills
Festo Learning Experience

Combines eLearning courses and practical exercises for learners to gain employability in the high-tech industry.

Is based on multimedia learning nuggets which can be adapted and combined to form individual learning paths.

Combines industry expertise with didactic know-how to create unique learning experiences that match industrial requirements.

Features a vast library of didactic learning courses for technical education.

Helps educators to access and build industry aligned content easier and quicker.

Gives course recommendations based on your Festo Didactic learning hardware.

Allows you to learn and prepare whenever and wherever you want using mobile devices.

Create courses
Assign courses to learners
Start learning
Monitor progress
Assess success
Learning Content on the Portal

The portal offers a variety of different learning formats and contents

- **Standalone eLearnings**
  Interactive multimedia online courses

- **eLab courses**
  Learning Hardware-related hands-on courses

- **Simulations**
  Hybrid learning with simulation hard- & software

- **Evaluations**
  Online learning assessment and reporting
Access Levels

https://lx.festo.com

**Guest Access**

Explore Festo LX for an unlimited time and completely free of charge.

- Selected Learning Content
- Search for Learning Nuggets
- Search for Learning Paths
- Equipment Management

Create Your Free Account

**Basic Access**

The basic subscription allows for permanent access including updates to all basic functionalities and content.

- Basic Learning Content
- Create Learning Nuggets
- Search for Learning Paths
- Share Learning Paths
- Equipment Management
- Create Learning Groups
- Assign Roles
- Assign Learning Content
- Monitoring Learning Success

30 Day Demo available
Success Stories during the Pandemic

South Africa

10 online webinars

Examples:
- Ciros Virtual MPS + Codesys V3 5 SP 15 Simulation video
- Ciros Virtual MPS + Fluidsim 5 PLC Sim GRAFCET

Lagos State, Nigeria
Festo LX

For 1,000 users at the The Lagos State Technical and Vocational Education Board.

It is a state government owned technical college with a student capacity of 8,122, they offer a variety of technical and vocational part time or full-time education programs.

Member of Global Education Coalition of UNESCO

9 x e-learning Water Technology courses in English and French for a free use across the world

https://lastveb.com.ng/

Link to UNESCO for additional Information
Learn more in our free webinar:

https://register.gotowebinar.com/recording/5664800865126582287

Thank you

www.festo-didactic.com