

E-Learning & Videos

Our process when creating training videos and e-learnings for customers of the Embedded Academy by Eclipseina

Structure Formation

Concept Creation

Content Creation Knowledge Management

Workshop Sequence

Didactics, Design, Media

Building Blocks & Workshop Sequence

consists of

- → Reviewing and structuring of the status quo
- → Categorization of technical content
- → Development of learning sequences
- → Integration of storytelling approaches

Recommendation:

Several workshop blocks alternating with development phases

Small steps in this phase allow a clear focus on the individual tasks, a manageable workload in-between workshops and promote high motivation

1. Didactic Concept

- → Didactic reduction of complexity
- → Connection of contents
- → Building and securing knowledge
- → Knowledge integration / practice transfer

2. Design Concept

- → Symbolics
- ightarrow Colour concept
- → Layout
- → Graphic design concept

3. Media Concept

- ightarrow Media plurality and selection
- → Combination of various formats
- → Addressing of different learning types

1. Building Blocks

- → Slideshow Presentations
- → Exercises and training material,
 e.g. lab manuals

Learning Landscape

- \rightarrow Infographics
- \rightarrow Animations
- → Interactive features
- ightarrow Video clips
- → Test elements, e.g. quizzes, matching tasks, drag & drop, troubleshooting etc.

2. Learning Landscape

- → Interactive learning environments, e.g. virtual tours
- → Game-based learning with interactive features, e.g. completing tasks, gathering collectibles, etc.

consists of

- → Strategic decisions with respect to the management of the learning processes
- → Finding the right amount of functionalities and requirements

Recommendation:

Several workshop blocks alternating with clarification phases

A clearly structured learning process and a good knowledge management enable learners an easy access, promote a deeper understanding and a quicker connection of different contents, improve motivation and increase the acceptance of the offered learning formats.