

How to Lead Technology for Learning in Higher Education

PRUDMET Workshop no. 7

1. Developing vision of digital transformation of learning
2. Determining learning technology strategy
3. Managing resources for digital transformation of learning
4. Gaining commitment



Developing vision

Developing a vision of digital transformation of learning



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Vision for learning

- A vision for learning support creation of a unified set of values and beliefs that drive development of a high performing and inclusive teaching culture
 - ... to raise students with the thinking and learning skills required to continue learning after leaving the classroom
 - ... inspire a lifelong love of learning by creating lessons that are exciting, authentic, engaging, and relevant to the lives of students





Learning technology

Learning technology is an umbrella term that describes **communication, information and technological tools** used to enhance learning, teaching and assessment.

This may involve **computer-based learning** or **multimedia materials** used to supplement in-class activities.



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Benefits from learning technology

- Learning anytime and anywhere
- Immersive learning
- Offers different forms of learning
- Brings choices to students
- Personalisation of learning
- Provides fun and engagement
- Improves learners' communication skills and performance



Determining strategy

Determining a learning technology strategy



Digital learning strategy

In a nutshell, a digital learning strategy is about shaping the **way a higher education institution uses digital learning** in all its forms. This can range from blogs and videos to webinars and online collaboration through to online courses, immersive experiences and resources.



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Space for learning

- **Physical**
 - Classroom
 - Virtual
 - Blended
- **Imaginary**



Methods of learning

Synchronous

- instructors and students gather at the same time and place (virtual or physical) and interact in “real-time”
- Examples:
 - educational video conferences
 - interactive webinars
 - chat-based online discussions
 - lectures broadcasted at the time of delivery

Asynchronous

- students access materials at their own pace and interact with each other over longer periods
- Examples:
 - watching pre-recorded lecture videos or lessons
 - viewing video demonstrations
 - reading and writing assignments
 - research projects

Possible learning strategies

	Physical Classroom	Virtual Classroom	Imaginary Space
Synchronous learning			
Asynchronous learning			



Examples of strategies

- Use of multimedia
- Utilization of social media
- Using variety of resources
- Making most of games and perks of gamification
- Use of technology to empower students and reach out





Managing resources

Managing resources for digital transformation of learning



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Definition of resource management

The **organization and arrangement of learning resources**, including text documents, images, infographics, HTML text, videos, audio files, and links to internet resources.



Managing digital learning and teaching resources

- as a way to introduce students to a topic
- as part of a teacher lecture or demonstration
- as a stimulus to group or whole-class discussion
- to provide students with access to different text types
- to engage students in activities that are not possible in the classroom
- to allow students to work at their own pace as a review or extension activity



Examples of resource management approaches



- Scaffolds and Tools
- WebQuest
- A Class Blog
- A Class Web Page
- Embrace Multimedia Presentations



Gaining comitment

Immersing students into digital learning



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Examples of students' engagement techniques

- Submit assignments as blogs
- Submit assignments as podcasts or videos
- Work with a classroom on the other side of the world
- Gamify skills like problem-solving
- Create infographics to explain complicated topics
- Record and playback reading
- Interactive attendance





Reflection exercise

State the strategy your institution is following in digital learning and explain the digital resources used to support the implementation of the strategy. Are there any issues that need to be addressed?



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Thank you for your participation

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