HOCHSCHULE RHEIN-WAAL
Rhine-Waal University
of Applied Sciences

TECHNOLOGY & BIONICS

DIGITAL TRANSFORMATION

NEWSLETTER

A warm welcome!

by Naomi Mc Laughlan

I'm excited to welcome you to the 'Digital Transformation' newsletter for the faculty of Technology and Bionics at the Hochschule Rhein-Waal / Rhine-Waal University of Applied Sciences.

Each newsletter will focus on a range of specific topics, relating ideas, teaching tools, and news from current e-learning projects.

I am delighted to be assisting you to create teaching materials, that focus on the student's learning journey.

The greatest benefits I see in digitizing content from analogue to online based resources, are on the one hand the opportunity to create a pool of resources for you to utilize now and in the future, and to enable your students to access multimedia-based content that suits and supports their learningstyle. I am looking forward to talking to you about how I can be part of your digitalization voyage.

I invite you to reach out and start a conversation.

Please feel free to contact me via Webex-Meetings or send me an email at naomi.mclaughlan@hochschule-rhein-waal.de.

How to utilize the interactive presentation software MENTIMETER

To gain insight into what the cohort of teaching- and support staff within the faculty of Technology and Bionics, at HSRW, consider to be digitalization in higher education, I have used the interactive presentation software Mentimeter.

Thank you again, to those of you who have been able to submit answers to my question.

The results were shared via a link, which interested viewers could follow as answers were coming in live.

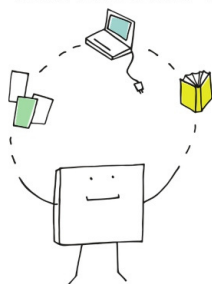## Was verstehst Du unter Digitalisierung in der Lehre?

For my question, I used the word cloud animation, however there are a range of other options available to customize not only the activities, but also add a variety of content.

I have created a short explainer video for you, to highlight how you can utilize the platform for your lectures.

The video can be viewed on the T&B blog, https://elearning.hochschule-rhein-waal.de/technologyandbionics.

The difference of Digitization, Digitalization and Digital Transformation

Many people use the terms Digitization, Digitalization and Digital Transformation interchangeably, however while they all stem from the same idea, they refer to something different.

Digitization only refers to the activity of digitizing content from analogue to digital, by for example, creating a PDF resource of a boo. A good example is to think of a passage or excerpt of a hard cover book that has been either copied in a text form, or a picture was taken and added to a Word document and then transformed into a PDF file.

Digitalization, on the other hand, refers to the use of technologies to change a business model and provide new revenue streams, as well as new value-producing opportunities for an organisation or company.

And finally, Digital Transformation refers to the impact caused by the process of Digitalization.

The Digital Transformation has been taken place for around 15 years now, and worldwide significant examples of how to approach the new way of teaching can be observed.

The University of California (UCLA) Extension jointly with Home Education Network, for example, is offering more 50 courses over internet, reaching students in the US as well as eight other countries, while Stanford University, in California is offering a comprehensive online engineering program—a Masters in Electrical Engineering.

Therefore, for T&B at HSRW, this could mean that I would like to initially help you to create a variety of multimedia based e-learning resources.

Furthermore, I would like to work with some of you on pilot projects that eventually lead to a Digital Transformation, which can aid as a basis for the rest of the faculty and beyond.

References:
UCLA (2021) Homepage. Online at https://www.uclaextension.edu/
Stanford University (2021) Electrical Engineering MS Degree. Online at https://online.stanford.edu/programs/electrical-engineering-ms-degree

The T&B Blog

I have started the new Technology & Bionics blog as a platform to showcase current Digitalization and e-learning projects, as well as inform you about any Digitalization related news and updates.

I will be sharing updates of current and planned projects, to give you insight into what I am currently working on, in the hope that it will inspire you to update your existing e-learning resources, as well as create new content.

Another aspect of the blog is training. I will inform you about what software and apps you may want to give a try and how to utilize those, to create multimedia-based content in a time efficient way.

Furthermore, the blog consists of a discussion forum. I have added a few questions to get you started, however you can start a new discussion about any wishes, questions, or concerns you may have regarding the Digitalization process at T&B.

I invite you to visit the blog on a regular basis and actively engage in the forum discussions.

https://elearning.hochschule-rhein-waal.de/technologyandbionics/

Home   Welcome!   E-Learning Discussion Forum

HOCHSCHULE
RHEIN-WAAL
Rhine-Waal University
of Applied Sciences

E-LEARNING
TECHNOLOGY & BIONICS

How to utilize the interactive presentation software Mentimeter

Posted on 24. November 2021

Dear colleagues,

In today's explainer video, I am going to highlight the interactive presentation software Mentimeter. Mentimeter can be used to engage your students live in class, as well as during online based lectures.