

Academic Staff Training on Virtual Collaborative Learning (VCL)

03-05.10.2019

Princess Sumaya University for Technology
Amman – Jordan

Course Description

In this interactive training workshop, participants will be introduced to Virtual Collaborative Learning (VCL) as a learner-centred problem-based teaching approach to modernize teaching and learning practices in Jordanian HEIs and enhance learning outcomes by utilizing online technologies and increasing students' engagement and self-regulated learning. Relevant teaching and learning methods and applicable modern educational technologies will be discussed in alignment with local needs and priorities. The benefits, requirements, process, and possible challenges of adopting VCL in local context will be explored using an actual example module from current academic programmes. Participants will establish an online community to continue their exchange on the topic after the workshop, communicate their progress and results, and share knowledge also with non-participant colleagues.

Target Group

Academic Staff at Jordanian HEIs

Workshop Facilitators

M.Sc. Alexander Clauss – Technische Universität Dresden

M.Sc. Florian Lenk – Technische Universität Dresden

Dr. Wissam Tawileh – Technische Universität Dresden

Online Community Advisor

Prof. Dr. Eric Schoop – Technische Universität Dresden

Learning outcomes

By the end of this training, the academic staff will be able to:

- Recognize the state of the art in technology enhanced learning practices and technologies (remember)
- Explain interactive teaching and learning methods (understand)
- Identify the potentials and challenges of VCL for their teaching practices (understand)
- Experiment the conversion of a classical module to be delivered using VCL (apply)
- Correlate VCL processes and learning activities to their teaching objectives and practices (analyse)
- Select relevant modules from their academic programmes suitable for VCL (evaluate)
- Independently design and implement a VCL course for local and international delivery (create)

Training Program

Day 1	
Preparation	<ul style="list-style-type: none"> • Discussing the results of the needs analysis • Survey of current practices • Participants expectations and motivation • Prospective quality evaluation
Introduction to Modern E-Learning	<ul style="list-style-type: none"> • The development of online learning • Modern educational technologies • Potentials and limitations of online learning • Technology Enhanced Learning in Jordan
Teaching and Learning Methods	<ul style="list-style-type: none"> • Learning Theories • Problem-based learning • Project-based learning • Collaborative learning
Day 2	
Virtual Collaborative Learning (VCL)	<ul style="list-style-type: none"> • Purpose and potentials • Needs and prerequisites • Teachers and students Roles • Benefits and challenges for Jordanian HEIs
VCL Design	<ul style="list-style-type: none"> • Defining learning objectives and activities • Didactical case studies • Collaborative technologies and tools • Conversion of classical modules
VCL Implementation	<ul style="list-style-type: none"> • Setting-up the online learning platform • Team building • Assigning learning tasks • Team results presentation
Day 3	
Students Engagement in VCL	<ul style="list-style-type: none"> • E-Tutoring and groupwork facilitation • Interdisciplinary teams • Communication issues • Students Feedback
Assessment in VCL	<ul style="list-style-type: none"> • Group assessment • Individual assessment • Teams self-assessment • Grading scheme
International VCL	<ul style="list-style-type: none"> • Partner acquisition • Module accreditation • Intercultural communication • Internationalization at Home