



National Erasmus+
Office in Kyrgyzstan
Erasmus+



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Enhancing Practice-Oriented and Interdisciplinary Learning through Digital Tools in Higher Education

Dates: 24-25 June, 2026

Format: Online

Time: 13:00 – 17:00 (Bishkek time)

Seminar Objectives

- To introduce European approaches and good practices in integrating digital tools into higher education teaching and learning processes in a pedagogically meaningful way.
- To strengthen participants' understanding of how digital technologies support practice-oriented, project-based, and interdisciplinary learning.
- To demonstrate curriculum design models that embed digital tools in alignment with learning outcomes, assessment methods, and professional standards.
- To discuss institutional, pedagogical, and quality assurance frameworks required for sustainable integration of digital tools into higher education.
- To provide a platform for hands-on practice, peer learning, and exchange between higher education institutions, HERE members, and national stakeholders.
- To support higher education institutions in identifying feasible pathways for piloting or strengthening digitally-enhanced teaching and learning.

Expected Learning Outcomes

By the end of the seminar, participants will be able to:

- Explain the role of digital tools in supporting practice-oriented, project-based, and interdisciplinary learning in higher education.
- Identify European models for integrating digital tools into curricula and teaching methodologies.
- Analyse how digital tools can enhance student engagement, collaboration, and real-world problem solving across disciplines.
- Design basic elements of a digitally-enhanced course or module, including learning outcomes, practical tasks, and assessment criteria.
- Apply appropriate assessment and quality assurance approaches for digitally-supported learning.

- Assess institutional readiness for strengthening the pedagogical use of digital tools and identify potential pilot initiatives.
- Exchange experiences and build professional networks to support further cooperation and follow-up activities.
- Explain the role of digital tools in supporting practice-oriented, project-based, and interdisciplinary learning in higher education.
- Identify European models for integrating digital tools into curricula and teaching methodologies.
- Analyse how digital tools can enhance student engagement, collaboration, and real-world problem solving across disciplines.
- Design basic elements of a digitally-enhanced course or module, including learning outcomes, practical tasks, and assessment criteria.
- Apply appropriate assessment and quality assurance approaches for digitally-supported learning.
- Assess institutional readiness for strengthening the pedagogical use of digital tools and identify potential pilot initiatives.
- Exchange experiences and build professional networks to support further cooperation and follow-up activities.

Target Groups

- Academic staff involved in teaching and learning across disciplines
- Programme coordinators and curriculum developers
- Educational developers and specialists supporting digitalisation of teaching and learning
- Quality assurance officers in higher education institutions
- Representatives of teaching and learning centres and innovation units
- Erasmus+ project teams and institutional coordinators
- HERE members and relevant national stakeholders

Agenda

Enhancing Practice-Oriented and Interdisciplinary Learning through Digital Tools in Higher Education

Day 1 – Digital Tools as Enablers of Practice-Oriented and Interdisciplinary Learning

13:00 – 13:15 Opening Session

- Welcome and opening remarks
- Objectives of the seminar and overview of the programme
- Introduction of the expert and participants

13:15 – 14:15 Session 1: Digital Transformation of Teaching and Learning in Higher Education

Moderator: *Prof. Antonio Padovano - Associate Professor of Smart Factories, University of Calabria, Italy*

- European trends in pedagogically-driven digitalisation of higher education
- Shifting from technology-oriented to pedagogy-oriented approaches
- The role of digital tools in supporting practice-oriented and interdisciplinary learning

14:15 – 14:30 Break

14:30 – 15:30 Session 2: Experience from the ERASMUS+ KA220-HED Project LEONARDO

Moderator: *Prof. Antonio Padovano - Associate Professor of Smart Factories, University of Calabria, Italy*

- Presentation of recent experience and lessons learned from the ERASMUS+ KA220-HED project LEONARDO
- Digital tools supporting practice-oriented and interdisciplinary learning
- Key achievements, challenges, and recommendations for higher education institutions

15:30 – 16:20 Practical Session 1: Exploring Digital Tools for Active Learning

Moderator: *Muzarbek Zholushev – Adviser to the Rector of Kyrgyz State Technical University (KSTU)*

- Overview of digital tools supporting collaboration, project work, and student engagement
- Demonstration of tools applied in European higher education contexts
- Group reflection on applicability in the Kyrgyz higher education context
- Plenary Discussion

16:20 – 16:30 Wrap-up of Day 1

Day 2 – Curriculum Design, Assessment, and Institutional Readiness

13:00 – 14:00 Session 3: Digital Learning Activities and Assessment and New Pedagogical Methods

Moderator: *Prof. Antonio Padovano - Associate Professor of Smart Factories, University of Calabria, Italy*

- Constructive alignment: linking digital tools to learning outcomes and assessment methods
- Assessment approaches for digitally-supported and practice-oriented learning
- European case studies and examples

14:00 – 14:40 Session 4: Quality Assurance and Institutional Frameworks for Digital Integration

Moderator: *Prof. Antonio Padovano - Associate Professor of Smart Factories, University of Calabria, Italy*

- Quality assurance principles for digitally-enhanced curricula
- Institutional readiness: infrastructure, staff capacity, and policy frameworks
- Linking digital integration to programme accreditation and recognition

14:40 – 15:00 Break

15:00 – 16:00 Practical Session 2: Designing a Digitally-Enhanced Course or Module

Moderator: *Muzarbek Zholushev – Adviser to the Rector of Kyrgyz State Technical University (KSTU)*

- Group work: designing elements of a course or module incorporating digital tools
- Defining learning outcomes, digital activities, and assessment criteria
- Peer exchange and expert feedback

16:00 – 16:50 Group Presentations and Discussion

- Presentation of draft course/module elements
- Expert feedback and discussion on implementation pathways
- Sharing priority areas and next steps for each institution
- Introduction of follow-up activity

16:50 – 17:00 Closing Session

- Summary of key takeaways
- Closing remarks by NEO and HERE representatives