

WORKSHOP PROGRAM



D. Serikbayev
EAST
KAZAKHSTAN
TECHNICAL
UNIVERSITY



EDUFUSION NSG



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TRAIN-THE-TRAINER CAPACITY-BUILDING WORKSHOP

16-19 February, 2026

D. Serikbayev
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Technical University



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More information visit:
www.edufusion-nsg.com

Agenda

February 16, 2026

Day 1: Engineering Pedagogy & Learner Engagement (Module 1)

09:30–10:00	Registration
10:00–10:30	Opening & Welcome Session
10:30 – 11:00	Innovations in Engineering Pedagogy (KAZNTRU + UVIGO)
11:00 – 11:30	Effective Interaction with Learners (KAZNARU + UVIGO)
11:30 – 11:45	Coffee Break
11:45 – 12:15	Pedagogical Psychology & Communication (KarU)
12:15 – 12:45	Enhancement of Learning Interactivity (KarU + IPP)
12:45 – 14:15	Lunch Break
14:15 – 15:15	Interactive Workshop & Reflection (Module 1)
15:15 – 16:15	Guided Reflection & Briefing on Independent Work
16:15 – 18.00	Project issues discussions

Key learning outcomes:

- Understand engineering pedagogy principles
- Apply learner-centred interaction strategies
- Design interactive learning elements

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February 17, 2026

Day 2: Digital, Practice-Based & Systems Learning (Module 2)

09:30 – 10:00	Digital Education / X-Learning Design (KAZNARU + IPP)
10:00 – 10:30	Experimental & Practice-Based Learning Leadership (KAZNTRU + IPP)
10:30 – 11:00	Systems Thinking & Analysis (KarU)
11:00 – 11:15	Coffee Break
11:15 – 11:45	Data & Information Literacy (KATRU)
11:45 – 12:15	Critical Thinking & Questioning Attitude (EKTU)
12:15 – 13:00	Applied Cases & Group Work (Module 2)
13:00 – 13:30	Guided Reflection & Briefing on Independent Work
13:30 – 15:00	Lunch Break (Hosted by EKTU)
15:00 – 16:30	Certificate Award Ceremony (New IPEERS)

Key learning outcomes:

- Design digital and practice-based learning activities
- Apply systems thinking to education
- Develop data literacy and critical thinking

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February 18, 2026

Day 3: Leadership, Innovation & Professional Responsibility (Module 4)

08:30 – 13:30	Interaction with Stakeholders – Industry Partner Visit (EKTU)
13:30 – 15:00	Lunch Break
15:00 – 15:30	Leadership and Collaborative Teamwork (KAZNARU)
15:30 – 16:00	Engineering Innovation & Entrepreneurship Leadership (KarU)
16:00 – 16:30	Global & Intercultural Competence (KATRU)
16:30 – 17:00	Professional Ethics & Social Responsibility (KAZNU)
17:00 – 17:15	Coffee Break
17:15 – 17:45	Lifelong Learning & Self-Regulation (KAZNU)
17:45 – 18:15	Time Management Workshop (KAZNU)
18:15 – 18:45	Workshop: Competence Matrix & Rubrics

Key learning outcomes:

- Design competence-based courses
- Develop assessment tools
- Integrate sustainability and interdisciplinarity

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February 19, 2026

Day 4: Competence-Based Design, Assessment & Sustainability (Module 3)

09:30 – 10:00	Course Design for Competence Formation (EKTU)
10:00 – 10:30	Learning Outcomes Assessment (KATRU)
10:30 – 11:00	Sustainable Development Integration (KATRU)
11:00 – 11:15	Coffee Break
11:15 – 11:45	Cross-Disciplinary Integration (KAZNRTU)
11:45 – 12:15	Final Reflection & Action Planning
12:15 – 12:45	Closing Session & Certificate Award

Key learning outcomes:

- Apply leadership and teamwork skills
- Demonstrate ethical and global responsibility
- Plan lifelong learning and time management

**Integrated Guide
for iPEERs**

