

The titles of lectures in October – November 2014, will be given by Professor Hannele Niemi at Mykolas Romeris University

Modern Education
Technologies Implementation in the Schools
LEARNING FOR THE FUTURE FOR 21ST CENTURY SKILLS –
TECHNOLOGY AS A TOOL

Monday Oct. 13, 16:20 – 19:30, II-212 aud.

- Introduction and objectives of the course
- Materials
- Basic Information about the Finnish educational system and a new curriculum process

1. Global is becoming everywhere – Global Sharing Pedagogy

- Global and local interaction: towards learners' agency of engagement through new pedagogical practices and applications of technology
- What are 21st century skills and their relationship with technology

Tuesday Oct.14, 16:20-21:10, III-144 aud.

2. Towards ICT in everyday life in schools: Seeking conditions for good practices

- ICT included in strategic planning, as part of school culture,
- teaching and learning methods facilitating participation and leading to empowerment, flexible curriculums,
- high investments in communication,
- supportive leadership and management
- teaching staff's capacity and commitment.
- an open school culture allows staff to take risks when applying new technology, creates learning environments and empowers learners.

Wednesday Oct. 15 16:20-17:50, I-417 aud.; 18:00-21:10, I-106 aud.

3. Digital Storytelling in tomorrow's world

- How to use Digital Story Telling in teaching and learning – international perspectives
- Student's and teachers' viewpoint

- The effect of using shared mobile videos in learning physics and chemistry

4. Learning with motivation and engagement

- Games for fun and better learning
- Exergames - Learning Solutions for physical activities in Schools

Thursday Oct. 16; 16:20-17:50, III-226 aud.; 18:00-19:30, III-144 aud.; 19:40 -21:10, III-149 aud.

5. Technology and collaboration beyond the school - partnerships and Networks

- Elderly Homes: Students as mentors
- Libraries

6. Promoting engagement of learning at the Luma Centre

- LUMA is an umbrella organization for the collaboration of schools, universities and business sector, with the aim to promote and support life-long learning, studying and teaching of STEM subjects on all levels of education

Friday Oct, 17 14:20- 16:10, III-401; 16:20 -17:50, III-219 aud.

7. Innovations and Technologies in Finnish Schools: A new national core curriculum (2014) and technology as an integrated tool for learning

- Aims and working methods of the new core curriculum
- Public – Private cooperation and Value networks

8. International trends and how the Finnish education and innovation system are working for equity and high learning outcomes - technology as a tool

- The scenarios for the future – new ecosystems of learning (what are these ecosystems like? How do the roles of schools, students and teachers change?) – 21st Century skills