

PRINTeL – KU Leuven Online TOT Course 2

February 2021

Digitally supported learning and the digital competence framework for teachers

General information

In the first KU Leuven TOT Course we presented some ideas on innovated course development for online teaching and we highlighted several methods for electronic support of courses.

In KU Leuven TOT Course 2, we will pay attention to teaching and learning competences required for developing and using electronically supported courses. We will discuss in depth formative and summative assessment methods for online teaching.

Entry requirements

KU Leuven is a 'training for trainers' course and is intended for trainers who already have a basic experience in online course development and use.

Successful completion of TOT Course 2 requires prior knowledge of new teaching and learning methods as were presented earlier in TOT Course 1 in the PRINTeL EU partner universities.

Learning outcomes

- The course participants shall prove knowledge and understanding of learners' and teachers' digital competences required for successful use of electronically supported teaching and learning.
- The course participants shall be able to prepare a course program (ECTS sheet) in their domain of science and teaching experience.
- The course participants shall prove knowledge and understanding of appropriate assessment techniques for digital teaching and learning.

Tasks and assignment

During the day 1 and 2 instruction sessions the course participants will be guided through the competence needs imposed by the new electronically supported teaching methodologies: from students' learning competences to teachers' competences, emphasizing the appropriate assessment methods for online teaching.

To prepare for these sessions, we already offer the necessary prior reading materials and added some recommended reading.

In the third session participants will present how they conceived and worked out a course program for an electronically supported course in the area of their domain of science and educational experience.

Course content and programming (including prior and additional reading)

1. Session 2021/02/15 (Monday, 11 am, Brussels' time)

"Electronically supported teaching needs digital competences"

- **Word of welcome by Wim Van Petegem** (30 minutes) wvp

- **Presentation 1.1. *Is online teaching here to stay?*** (30 minutes) cvk
Prior reading: (Q&A 10 mins)
 - 1.1_1. Is online teaching here to stay (Yeigh, T. and Lynch, D., 2020)Additional recommended literature
 - 1.1_2. Using blended learning for whole-of-school improvement (Yeigh T., Lynch D., Turner D. et al., 2020)

- **Presentation 1.2. *Linking competences, learning outcomes, teaching methodologies and assessment*** (30 minutes) cvk
Prior reading: (Q&A 10 mins)
 - 1.2_1. Competence directed learning (Van Keer C., 2020, PPT)
 - 1.2_2. Harvard University – Competency Dictionary (s.n., retrieved 2016)
 - 1.2_3. Teachers 2.0_Compencies and competency models (s.n., retrieved 2019)Additional recommended literature
 - 1.2_4. ECTS Users' guide (EU, Education and training, 2009)
 - 1.2_5. The pedagogy wheel_v5 – In support of excellence (Matt Harris, 2018)

- **Presentation 1.3. *The EU "Digital Competence Framework"*** (45 minutes) wvp
Prior reading: (Q&A 10 mins)
 - 1.3_1. The digital competence framework 2.0 (s.n., retrieved 2020)Additional recommended literature
 - 1.3_2. The digital competence framework for citizens (Carretero et al., 2017)

- **Presentation 1.4. *The EU "Digital Competence Framework for Teachers"*** (45 minutes) wvp
Prior reading: (Q&A 10 mins)
 - 1.4_1. Digital competence framework for educators (Redecker C., 2018)Additional recommended literature
 - 1.4_2. Aligning teacher competence frameworks to 21st challenges (Caena and Redecker, 2017)
 - 1.4_3. Teacher competences (The Wing Institute, 2021)
 - 1.4_4. Professional standards for teachers (TDA, 2007)
 - 1.4_5. Digital Skills Self-Assessment (Van Keer C., 2021)

- 2. Session 2021/02/16 (Tuesday, 11 am, Brussels' time)**
"Digital assessment 'of and for' learning" (2*45 mins) wvp
 - **Presentation 2.1. New trends in assessment** (Q&A 10 mins)
 Prior reading:
 - 2.1_1. The future of assessment (JISC, 2020)
 Additional recommended literature
 - 2.1_2. Standards for teacher competence in educational assessment of students (BUROS, 1990 – retrieved, 2020)
 - 2.1_3. Teaching and learning in digital worlds (Gisbert & Bullen, 2015)
- **Presentation 2.2. Assessment 'of and for' learning** (2*45 mins) wvp
 Prior reading: (Q&A 10 mins)
 - 2.2_1. Effective assessment in a digital age (JISC, 2010)
 - 2.2_2. Technology is transforming education, including how students are assessed (Intel Education Brief, 2017)
 Additional recommended literature
 - 2.2_3. Five trends to watch for in the future assessments (Chalk, 2015)
 - 2.2_4. Trends in evaluation and assessment (OECD, 2013)
- **Tasks and assignment** (30 minutes) wvp

- 3. Session 2021/02/18 (Thursday, 11 am, Brussels' time)**
"How we digitalized our course concept and practice"
 Seminar meeting – Participants presenting tasks and assignments
 (180 mins PPTs)
 (60 mins discussion)

N.B.:

1. Time zones

Brussels 11 a.m. is	Yerevan	2 p.m.
	Tbilisi	2 p.m.
	Minsk	1 p.m.

- 2. All literature** for prior and additional reading will be made available on the PRINTeL website