



# **E-TVET IN UKRAINE:** **Training continuity and modernisation during COVID-19 and beyond**

*Alessandra Molz,  
Skills Specialist, ILO Budapest*

**Our mission:**  
*Making an impact  
on people's lives  
through job creation  
and social protection*

- ▶ **Activities**
- ▶ **How we are doing it**
- ▶ **Why we have chosen to do it this way**



International  
Labour  
Organization

# ILO OFFICE FOR CENTRAL AND EASTERN EUROPE

- ✓ **UN agency** for the world of work
- ✓ Brings together **governments, employers** and **workers** from 187 member states
- ✓ **Technical advisory** and **assistance** on:
  - employment creation,
  - TVET and skills development
  - enterprise promotion,
  - social protection
  - social dialogue
  - labour legislation
- ✓ Over **600 technical cooperation** projects worldwide



## Focus countries

- ✓ Albania
- ✓ Bosnia and Herzegovina
- ✓ Kosovo\*
- ✓ North Macedonia
- ✓ Republic of Moldova
- ✓ Montenegro
- ✓ Serbia
- ✓ Ukraine

\*as defined by the UN Security Council Resolution 1244.

- ✓ **60+ staff members**
- ✓ **A sub regional hub in Budapest**
- ✓ **7 country offices**
- ✓ **A project portfolio of 27 Mio USD**

# OUR PROJECT ACTIVITIES: E-TVET IN UKRAINE

1. Inform the development of a **national e-Learning Platform for TVET**
2. Capacitate **methodological experts, TVET teachers and instructors** on planning, developing and implementing E-learning and blended learning
3. Development and piloting **innovative E-learning materials**
  - 4 occupations / 4 schools / 4 regions: **Digitalisation of curricula: identification of syllabi**
    - Car repair (Rivne), Cook (Kherson), Electrician (Sumy), Tailor (Zaporizhzia)
  - Interactive **e-lessons**
  - **Multi-media** content: Video, 3D, animations
  - **Simulators** for experiential learning
  - **“Serious game”** on Rights@work for youth (PROFBUD Trade Union)
  - **Self-learning** courses: Code of practice on Gender Equality (Confederation of Employers)
4. Facilitate online **collaboration** among TVET schools
  - **Webinars**, joint collaboration with ETF and UNICEF
5. Systematize **lessons learnt**
  - Online **Conference**



# CAPACITY-BUILDING

## ITC-ILO COURSE



60 participants **all regions** of Ukraine

6 weeks, online

Theory & hands-on exercises

Self-guided & tutor-guided

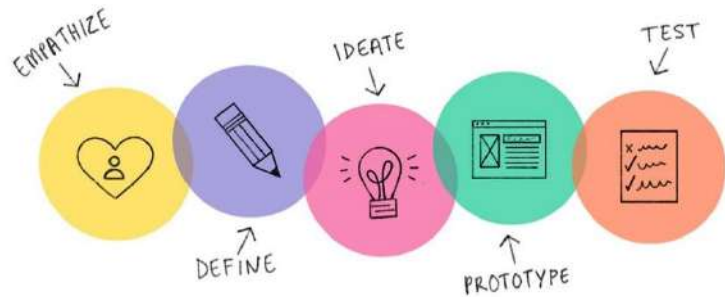
Each participant produced an E-Learning session during the course

РОЗВИТОК НАВИЧОК  
ОНЛАЙН

**ЛАБОРАТОРІЯ ЦИФРОВИХ  
РІШЕНЬ ДЛЯ ПРОФЕСІЙНО-  
ТЕХНІЧНОЇ ОСВІТИ**

Створення модульного контенту та електронна педагогіка для професійно-технічних закладів України

Інформаційна Записка

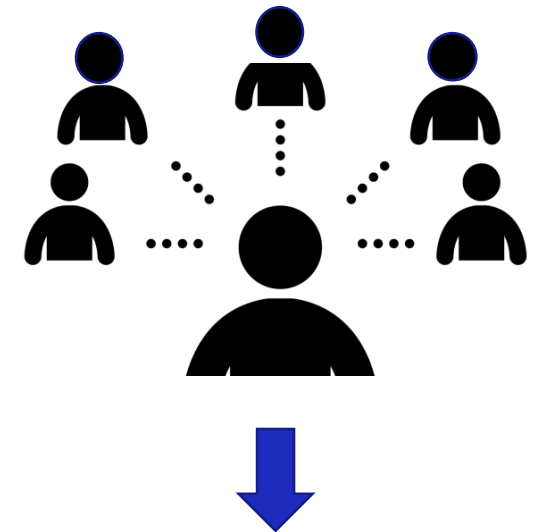


## ITC-ILO e-CAMPUS



## ITC-ILO COURSE

2nd edition, training of tutors



**Transfer of course to  
Ministry of Education  
and Science**



# INTERACTIVE LESSONS

## Virtual Canvas

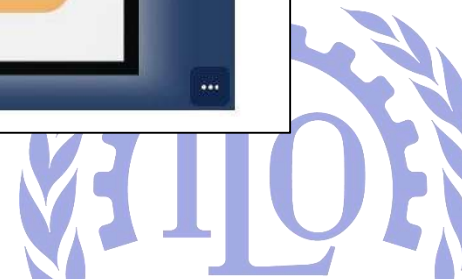
The screenshot shows a user interface for a virtual canvas. At the top, the user's name "Nataliia" is displayed. Below it, there are navigation icons for "ПОЧАТОК" (Start), "КІНЕЦЬ" (End), "Очікувані заходи" (Expected actions), and a "НЕ ВИКОНАНО" (Not completed) status. The main content area is titled "Обробка кінчних поверхонь способом повороту верхніх полозків супорту" (Finishing of end surfaces by turning the top flaps of the collar). It includes a "Мета уроку" (Lesson objective) section with three points: a) навчальна (educational) - forming knowledge and skills regarding the calculation of the angle of the top flaps; б) розвиваюча (developing) - identifying undetermined elements of the collar and calculating them using formulas; в) виховна (educational) - encouraging students to use tools and equipment responsibly. Below the objective are four task cards: 1. "Обробка кінчних поверхонь способом повороту верхніх полозків супорту" (Finishing of end surfaces by turning the top flaps of the collar) with a "Список" (List) icon and a "Будь ласка, виконайте цей захід" (Please, perform this action) button. 2. "Навчальне відео. Обробка кінчних поверхонь способом повороту верхніх полозків супорту" (Educational video. Finishing of end surfaces by turning the top flaps of the collar) with a "Список" icon and a "Будь ласка, виконайте цей захід" button. 3. "Завдання. Розрахунки" (Task. Calculations) with a "Список" icon and a "Будь ласка, виконайте цей захід" button. 4. "Тест для самоперевірки" (Self-check test) with a "Список" icon and a "Будь ласка, виконайте цей захід" button.

## Interactive E-Lesson

The screenshot shows an interactive e-lesson presentation titled "Презентація: Обробка верхнього зрізу спідниці пришивним поясом" (Presentation: Finishing the top edge of a skirt with a sewn waistband). The presentation is for learning new material. It features a "FULL SCREEN" button and a "genially" logo. The main content is a sequence of four steps for "З'ЄДНАННЯ ПОЯСА З ВЕРХНІМ ЗРІЗОМ СПІДНИЦІ" (Joining the waistband to the top edge of the skirt):

- КРОК 1** (Step 1): Shows a green fabric skirt with a white waistband strip attached to the top edge.
- КРОК 2** (Step 2): Shows the green fabric skirt with the white waistband strip folded over the top edge.
- КРОК 3** (Step 3): Shows the green fabric skirt with the white waistband strip folded over the top edge, and a purple iron is shown pressing the fabric.
- КРОК 4** (Step 4): Shows the green fabric skirt with the white waistband strip folded over the top edge, and a purple iron is shown pressing the fabric.

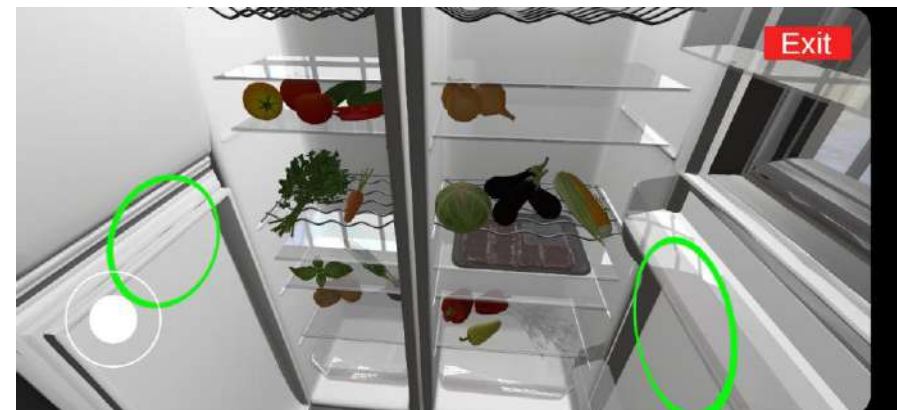
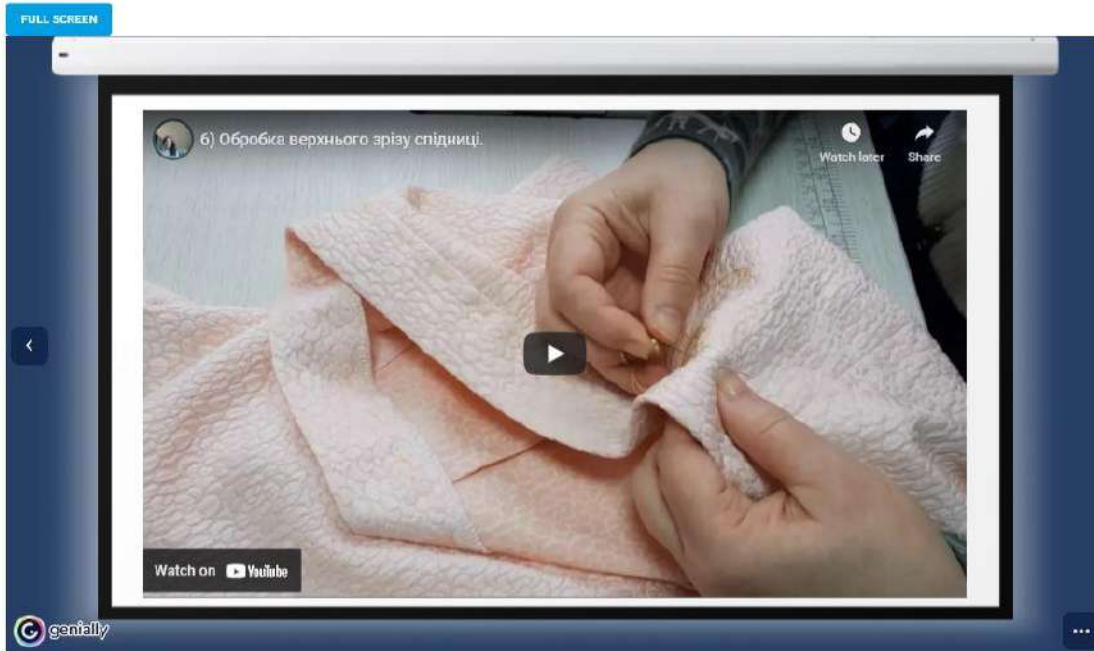
Each step has a "Детальніше" (More details) button below it. The presentation is displayed in a browser window with navigation arrows and a "genially" logo at the bottom left.



# VIDEOS AND SIMULATORS

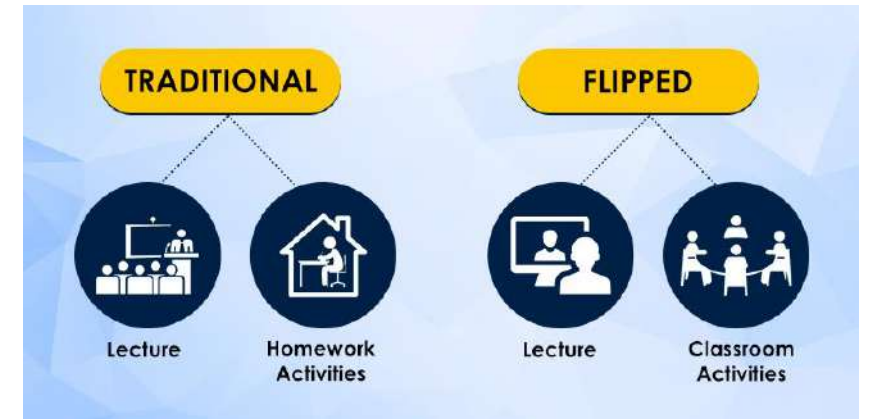
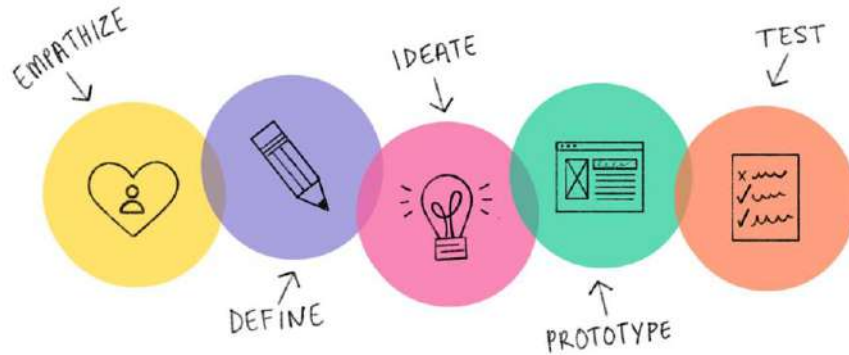
## Презентація: Обробка верхнього зрізу спідниці пришивним поясом.

Презентація для вивчення нового матеріалу.



# ENGAGING THE LEARNER & ENHANCING LEARNING TRANSFER

Design thinking:



**JEAN PIAGET**

**JOHN DEWEY**

Philosophers & developers of constructivist theory

## CONSTRUCTIVIST THEORY

Constructivist theory holds that learners are not passive recipients of knowledge but are more active in the process. They build on previous experience in order to make sense of what they are learning. **They are more active in the creation of meaning and knowledge.** This leads to a more student centred approach in which the student guides his own learning.

INTERACTIVEFLATSCREENS.IE

The future is blended!





International  
Labour  
Organization



**Thank you / Дякую**

**Alessandra Molz**

Senior specialist on Skills Development  
and Employability

[molz@ilo.org](mailto:molz@ilo.org)

