



ONLINE

SKILLS DEVELOPMENT

LEADING TVET SYSTEM IN DIGITALISATION AND AI ERA

24 MARCH – 18 APRIL 2025

 4 WEEKS, 50 HOURS

Information Note



International
Labour
Organization



International Training Centre

OVERVIEW

The COVID-19 pandemic profoundly disrupted the educational system, underscoring the critical need for resilience through technology. Initial transformations revolved around the shift from traditional in-person training to the widespread adoption of distance learning. This adaptation not only facilitated continuity but also unlocked new potentials, such as fostering inclusion, broadening access, enhancing processes, and modernising Technical and Vocational Education and Training (TVET) centres. These changes catalysed greater student engagement and improved the alignment of training with the future of work.

In addition to these advancements, the digitalisation of the TVET system is now fundamentally reshaping how training is delivered. This shift from a traditional model aims to achieve several objectives: increasing accessibility, promoting inclusion, and, crucially, aligning competencies with industry needs. By leveraging technology to simulate real-world scenarios in training environments, the system seeks to ensure that learners are better equipped to meet the demands of an ever-evolving job market.

The rise of Artificial Intelligence (AI) marks a new revolution in the digitalisation era. Its accessibility, diversity, and capabilities have profound implications for the TVET system, particularly in training, while also introducing new risks and necessitating emerging regulatory frameworks. Additionally, the proliferation of digitalisation and AI has introduced disparities, as not all systems and learners can equally benefit from these advancements. This course aims to explore low- and no-cost solutions offered by widely accessible online tools, empowering TVET centres to bridge these gaps effectively.

While previous editions of this course focused on the transformation from in-person to blended learning, today's challenges are more complex with the advent and proliferation of AI. TVET centres will need to rethink their economic models, understand the e-learning market, and adapt their offerings to meet competency demands. Additionally, as ongoing innovation constantly reshapes these demands, TVET centres must develop unprecedented adaptability. It is essential to highlight that risks are also multiplied by the vast and unrestricted access to technology. This necessitates a crucial transversal skill for TVET centre managers and educators, which will be addressed in this course.

Finally, technology, more than ever, places humans at the centre of the issue. In the context of TVET, a learner-centred approach is fundamental to the new generation of pedagogy.

WHAT?

WHAT TOPICS DOES THIS TRAINING COVER?

This course aims to provide the fundamental elements of digital transformation within the TVET system and to equip participants not only to initiate such changes but also to maintain their relevance in a constantly evolving technological landscape. To effectively navigate the digitalisation of Technical and Vocational Education and Training (TVET) systems, several key strategies and considerations must be addressed. These strategies encompass ensuring that TVET institutions can keep pace with rapidly evolving technology, guaranteeing quality training, and redefining the roles of various stakeholders involved in the TVET ecosystem. The training will cover:

- Overview and current state of digitalisation, including the role of AI within technical and vocational education and training (TVET) systems.
- Opportunities and challenges presented by AI in education.
- Decomposition of skills repositories and the digitalisation of curricula.
- Emerging frameworks on AI in education, with a focus on ethical considerations and responsible implementation.
- Methodologies and multimodal pedagogical approaches centred on the learner.
- Key technological solutions for the digitalisation of TVET, augmented reality (AR), and virtual reality (VR).
- The growing market of EdTech, encompassing advanced technological solutions and innovations for education and training.

WHAT WILL I LEARN?

This course provides a comprehensive understanding of the key aspects of digitalisation in TVET systems, tailored to meet the needs of policymakers, practitioners, institution managers, and teachers.

FOR POLICYMAKERS:

Gain insights into the drivers and compelling forces of digitalisation, including industry needs. Learn the principles, success factors, and challenges of enabling the digitalisation of TVET systems and navigating transformation brought by AI, which will support setting standards. Understand how to identify relevant stakeholders, design effective policy frameworks, and promote inclusion through digitalisation. Explore strategies to equip trainees with the skills and competencies needed to thrive in the evolving job market.

FOR TVET PRACTITIONERS AND INSTITUTION MANAGERS:

Gain knowledge of the emerging principles for curricula development tailored to the digital and AI-driven era of the TVET system. Understand how to effectively train instructors for the digital age and design adaptable curricula that meet the changing needs of both industry and learners. Explore the EdTech market to guide strategic decisions on equipping institutions, mobilising resources, and investing in the digitalisation of TVET.

FOR TVET TEACHERS:

Explore changes in pedagogy and methodology driven by digitalisation, including tools for e-assessment and e-certification. Gain knowledge of facilitation techniques and AI-powered tools and resources designed to enhance teaching effectiveness, engage trainees, and prepare them for the job market.

WHO?

WHO IS THIS TRAINING FOR?

The target audiences for this training pathway are primarily, but not exclusively, professionals whose work relates to skills development and TVET systems, or who have experience in this field, in roles such as:

- Decision makers in the TVET sector, such as ministers' staff and board members of TVET centers
- Pedagogical staff of the TVET trainers' training centers
- Programme instructional designers, instructional and management staff of national training authorities
- TVET teachers and trainers, in-company trainers and mentors; managers of vocational training centers
- Experts and technical staff from CSOs, NGOs, and other civil society actors working in TVET

CERTIFICATE

Participants who successfully complete at least 80% of the activities, including all compulsory ones, and will be awarded a certificate of participation.

LANGUAGES

Participants will be required to have a good knowledge of oral and written English as training materials will be available on the e-platform in English.

APPLICATION AND FEES

If you wish to participate in this course, please fill in the online application available here: <https://oarf2.itcilo.org/STF/A9718136/en> by **14 March 2025**.

Apply Online: Complete all required fields and attach the necessary documents. The more thorough your application, the smoother your registration process will be, ensuring your participation is secured.

Watch Your Email: We will review applications and contact selected participants via email. You may be asked to provide additional documents or payment details. This process will occur from the training announcement until two weeks before the course starts.

Receive confirmation and begin your training journey: Once your registration is confirmed, you'll receive a confirmation email with all the details you need to access the online platform and start your training.

PRICE

Tuition fees: 990 €

ABOUT FELLOWSHIPS

The available scholarships cover up to 50% of tuition fees.

Candidates who have never received a fellowship from ITCILO, women, and persons with disability will be given priority for fellowships.

CAMPUS LIFE

A THRIVING UNITED NATIONS CAMPUS AND COMMUNITY OF PROFESSIONAL PEOPLE FROM AROUND THE WORLD

- **Three organizations** from the United Nations system on campus
- **More than 300 training courses** and activities in a stimulating international environment
- **Thousands of participants** from all over the world

ENVIRONMENT AND SURROUNDINGS

Grab a campus bicycle and explore the Turin Centre.

Located in a leafy park on the banks of the Po River, it's a great place for study and collaboration. Experience innovative learning and training methods in modern classrooms equipped with simultaneous translation services.

WITHDRAWAL, CANCELLATION POLICY, AND REFUNDS FOR OPEN COURSES

If an enrolled participant wishes or must withdraw from a course, they may choose to apply to a different course or be substituted by another candidate. The participant must notify the Centre, in writing, of their decision at least 14 days prior to the start date of the course. Cancellation of participation in regular courses will result in the following penalties:

HOUSING, DINING, AND MORE

Comprising more than 280 private dormitories, the **Turin Campus provides a broad range of services for course participants and partners** including a free-flow restaurant, travel agency, laundromat, post office, gym, medical services and a reception desk open 24/7.

COMMUNITY ENGAGEMENT AND DIVERSITY

Participants can enjoy social events organized by the Turin Centre as well as by their course facilitators. Whether on or off campus, people from different cultural backgrounds have the opportunity to listen to live music together, cook and share traditional foods, or team up to play games and network.

- 14 days or more prior to the start date of the course: No penalty, 100% refund of amount paid less applicable bank charges
- 8 to 13 days prior to the start date of the course: Penalty of 50% of course price, refund of residual amount paid (if any) less applicable bank charges
- 7 days or less prior to the start date of the course: Penalty of 100% of course price.

INFO

FOR FURTHER INFORMATION PLEASE CONTACT

International Training Centre of the ILO
Employment Policy and Analysis Programme (EPAP)
Viale Maestri del Lavoro, 10
10127 Turin – Italy

Ms. Noemie Razafimandimby
Activity Manager
skillsdevelopment@itcilo.org
www.itcilo.org

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