ONLINE   **SOCIAL PROTECTION**

E-LEARNING ON ACTUARIAL MODELING FOR SOCIAL PROTECTION ANALYSTS

30 SEPTEMBER – 15 NOVEMBER 2024

🕐 **7 WEEKS, 100 HOURS**

Diploma for Social Protection Analysts

International Labour Organization

ITC International **Training** Centre

E-LEARNING ON ACTUARIAL MODELING FOR SOCIAL PROTECTION ANALYSTS

OVERVIEW

SNAPSHOT OF THE COURSE

National public pension systems are designed to sustain income security and prevent poverty, and in most countries redistribute funds which are a significant portion of the national GDP. Efficient governance supported by sound quantitative studies can make a lasting difference to the long-term sustainability of these systems. Given the uncertainty of future events and the complex interrelated nature of pension systems, projection methods and models are crucial for empowering policy-makers in design and monitoring. The aim of this course is to enhance the capacity of participants to use projection methods, develop actuarial models and build their own country-specific model based on the generic model of the ILO.

ONLINE
ITCILO E-CAMPUS

DATES
30 SEPTEMBER – 15 NOVEMBER 2024

COLLABORATIVE LEARNING
ONLINE RESOURCES

LANGUAGES
ENGLISH

APPLICATION DEADLINE
16 SEPTEMBER 2024

WHAT

WHAT TOPICS DOES THIS COURSE COVER?

- **Module A**: Social protection framework: the context of the actuarial work in social protection at the national and international level
- **Module B:** National projection: Demographic projection, labour force and employment projection and economic projection
- **Module C:** Scheme-specific projection: Social security data analysis, scheme-specific past experience review and assumptions, and modeling scheme-specific projections
- **Module D:** Validating and interpreting projection: Projection consistency and validation, interpretation of scheme-specific results and long-term sustainability and financing strategies

WHAT WILL I BE ABLE TO DO?

- Increase your **technical knowledge and expertise** on social protection financing methods and actuarial modelling needed for the effective design, management and monitoring of social protection system;
- Learn how modelling can be used to project **future social protection expenditure and revenues;**
- Utilize knowledge on **actuarial methodologies and models;**
- Understand better and participate more actively in the a**ctuarial and financial planning** of social protection systems.

WHY

WHY SHOULD I JOIN?

- Put learning into practice through an **Integrated Applied Exercise** focused on the development of a country-specific actuarial model

- Participants join and interact with **a diverse network of professionals** engaging in issues of impact assessment of social protection

- The course uses a **mix of training methods**: lectures, plenary discussions, good practices, case studies, group work, and individual exercises.

- Take a step towards achieving the **ITCILO Diploma for Social Protection**, a new accreditation for the next generation of social protection practitioners.

This course is one of four eligible courses for the **Diploma for Social Protection Analysts**. To achieve the Diploma, successful candidates must complete three of four courses within a five-year period, and undertake a capstone assessment.

WHO

WHO TAKES THIS COURSE?

The course is designed for technical officials responsible for financial planning and monitoring of pension schemes. This includes quantitative specialists (such as economists, actuaries, statisticians, mathematicians, computer programmers, accountants and financial managers) of social security organization administration staff, government finance and treasury departments, departments responsible for social protection and pension fund regulators and supervisors.

Important requirement: All participants must have full command of Excel and Visual Basic.

HOW

The course consists of a number of online modules offered through the eCampus online platform to be completed over a period of seven weeks for an estimated total of 100 learning hours.

- **Pre-course:** Flexible (asynchronous) self-guided online learning on eCampus and an end of phase assessment.

- **'Real time' learning:** Live interactive sessions and engaging video presentations by highly experienced trainers, blended with individual and collaborative group exercises, peer-to-peer assessment and online technical forums on eCampus.

- **End of course assignment:** Individual assignment applying cutting-edge technical knowledge to the participants' organization. Participants who successfully complete all assessments and the final assignment will receive a Certificate of Achievement.

HOW TO APPLY

Find the application form at https://oarf2.itcilo.org/DST/A9717150/en and apply before **16 September 2024**.

PRICE

Total: **1,605 Euros**

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:

- 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
Programme on Social Protection,
Governance and Tripartism (SPGT)
Viale Maestri del Lavoro, 10
10127 Turin – Italy

T +39 011 693 6524
spgt@itcilo.org
www.itcilo.org

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