



Training for Radiation Protection Worker

This five days long training course has been elaborated, tested and developed by the nuclear education experts of BME NTI during the CORONA II EU H2020 project (2015-2018). After the closer of the project this course is available in the framework of VVER Education and Training Association - CORONA Academy.

Objective

This course teaches the trainees about theory and practice of radiation protection. The objective of the course is to provide an introduction to nuclear power technology and an overview to radiation protection, nuclear fuel and radioactive waste management for students and non-nuclear graduates to participate in further nuclear course(s) or to perform works related to VVER NPP, radiation monitoring and radiation protection of places of ionizing radiation for medicine and industry applications, radioactive waste management, custom offices, etc.

Brief Curriculum

The training course aims to give competencies at EQF Level 3 and 4. It is intended to cover different aspects needed to start working in the nuclear related area with sufficient general nuclear knowledge and culture.

Topics to be covered (40 hours):

- Introduction to nuclear power technology (4-4 hours lecture and laboratory work)
- Radiation protection (12 hours lecture and 4 hours laboratory work)
- Nuclear fuel and radioactive waste (10 hours lecture)
- Introduction (2 hours), consultation (2 hours), evaluation (2 hours)

Target group

Non-nuclear professionals or students which are graduated at least to the level of bachelors or are currently bachelors' students, with negligible prior knowledge or without knowledge and experience in nuclear could be trained. It is expected that the candidates have the intention to perform works related to VVER NPP, nuclear applications and education or to participate course(s) of nuclear education. The training will be useful to students or professionals working in support of nuclear facilities as civil engineers, physical protection employees, government employees, secondary school teachers, journalists, etc.



Qualification requirements

- Bachelor diploma or the trainee should be bachelor student currently
- Good verbal and written English skills

Host organisation

The training is hosted by the Institute of Nuclear Techniques of Budapest University of Technology and Economics. For more about the host organization and possible lecturers see at: www.reak.bme.hu

Language

The working language of the course is English.

Duration

The course is five workdays long. The venue is Budapest, which is the capital of Hungary.

Contact details

Csilla Pesznyák
pesznyak@reak.bme.hu
www.reak.bme.hu
www.corona2.eu