

International Atomic Energy Agency



60 Years

IAEA *Atoms for Peace and Development*

Technical Cooperation Project RAF/9/067

Postgraduate Educational Course (PGEC) in Radiation Protection and the Safety of Radiation Sources for French-speaking countries

Ref. No.: TN-RAF9067-2000341

INFORMATION SHEET

Title:	EVT2000341: Postgraduate Educational Course in Radiation Protection and the Safety of Radiation Sources (PGEC) for French-speaking countries
Language:	The language of instruction is French
Venue:	Rabat, Morocco
Date:	5 October 2020 to 31 March 2021
Organizers:	International Atomic Energy Agency (IAEA) in cooperation with the Government of the Kingdom of Morocco through the <i>Centre National de l'Energie, des Sciences et des Techniques Nucléaires</i> (CNESTEN).
Deadline for nominations:	24 July 2020
Purpose:	The purpose of the training course is to meet the educational and training requirements of graduate level staff earmarked for positions in radiation protection and the safety of radiation sources.
Expected Output(s):	Knowledge strengthened in radiation protection and safety, in line with relevant IAEA Safety Standards (including the International Basic Safety Standards).
Scope and Nature:	The course will consist of lectures, practical exercises, laboratory exercises, demonstrations, technical visits in the field, with examinations. Topics of the course include: Review of fundamentals; Quantities and measurements; Biological effects of ionizing radiation; International System of Radiation Protection and the Regulatory Framework; Assessment of external and internal exposures; Planned Exposure Situations (General Requirements; Occupational, Public and Medical

Exposure); Emergency Exposure Situations; Existing Exposure Situations; Training the trainers; Project Assignment.

Participants are expected to carry out a work project to demonstrate their knowledge and skills acquired within the course. The project should be aimed at solving a specific radiation protection problem in their home country and participants are expected to present their project at the end of the course. After discussing with their direct supervisors, selected candidates should therefore bring suitable ideas/topics for the project.

Participants shall attend all lectures, practical exercises and technical visits, and are required to sit compulsory examinations to assess their knowledge and skills. On-line pre-training might be carried out prior to the start of the course, and written examinations will be held at the start and throughout the course. Participants who do not perform well in the examinations may be requested to return home and may be required to reimburse any fees to IAEA. After the attendance at the course, the participants shall provide feedback on the impact of the course through an on-line survey.

**Participants
Qualifications:**

The participants will be young professionals, **preferably below 35 years of age**. They will have had a formal education to a level equivalent to a university degree in physics, chemistry, life sciences or engineering and should have been selected to work in the field of radiation protection and the safety of radiation sources in their countries. A copy of the academic record shall be attached.

The educational course is open to participants from (18) French-speaking AFRA Member States: Algeria, Benin, Burkina Faso, Cameroon, Chad, Central African Republic, Congo, Côte d'Ivoire, Djibouti, Democratic Republic of Congo, Gabon, Madagascar, Mali, Mauritania, Morocco, Niger, Senegal and Tunisia.

**Application
procedure:**

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
 - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
 - b. Search for the relevant technical cooperation event (EVT2000341) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

NOTE: Completed applications need to be approved by the AFRA National Coordinator and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org.

Should online application submission not be possible, candidates may download the nomination form for the training course from the [IAEA website](#).

**Administrative
and Financial
Arrangements:**

Nominating authorities will be informed in due course of the names of the candidates who have been selected and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

**Disclaimer and
Liability:**

The organizers of this event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.