

International Atomic Energy Agency



60 Years

IAEA

Atoms for Peace and Development

Technical Cooperation Project RAF/9/056

INFORMATION SHEET

Title:	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:	Algiers, Algeria
Date:	10th February to 28th July 2019
Organizers:	International Atomic Energy Agency (IAEA) in cooperation with the Government of Algeria through the <i>Centre de Recherche Nucléaire d'Alger</i> (CRNA).
Deadline for nominations:	28 December 2018
Purpose:	The purpose of the training course is to meet the educational and training requirements of graduate level staff earmarked for senior 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:	<p>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.</p> <p>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</p>

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 (17) French-speaking AFRA Member States: Algeria, Benin, Burkina Faso, Cameroon, Chad, Central African Republic, Congo, Côte d'Ivoire, The Democratic Republic of Congo, Gabon, Madagascar, Mali, Mauritania, Morocco, Niger, Senegal and Tunisia.

**Application
procedure:**

Nominations should be submitted via the IAEA application platform InTouch (<http://InTouchplus.iaea.org>) and **sent through the official channels established**. They must be received by the International Atomic Energy Agency, through InTouch platform, **not later than 28 December 2018**. Nominations received after that date cannot be considered.

Alternatively, fully completed and duly endorsed nominations can still be submitted to the Programme Management Officer for this project, Mr Mickel Edwerd, through IAEA Official E-Mail (Official.Mail@iaea.org), not later than **28 December 2018**. Nominations received after this date or which have not been routed through the established official channels cannot be considered.

Completed forms should be endorsed by relevant national authorities and returned to the Agency through the official channels, i.e. the designated National Liaison Office for IAEA Matters or the AFRA National Coordinator.

**Language
certificate:**

In the case of countries in which English/French is not an official or customary language, nominations must be accompanied by a separate certificate of the candidate's proficiency in this language. This certificate must be issued by a language school, cultural institution or an embassy of a country in which the language of the training course is spoken.

BSITF/ASITF:

It is recommended that training course participants complete the courses *Basic Security in the Field: Safety, Health and Welfare (BSITF)* and *Advanced Security in the Field (ASITF)*, prior to travelling to locations where UN security phases are in effect. The aim of these courses is to educate participants on how best to avoid or minimize potential dangers and threats, and to show what individuals can do if they find themselves in insecure situations.

- Access to the courses, further information and FAQ can be found under the following link: <https://trip.dss.un.org/dssweb/>
- If you have difficulty using the websites, a CD-ROM can be obtained from your IAEA National Liaison Officer, or from IAEA.

Upon successful completion of the courses, certificates will be generated automatically. Copies of these certificates should be uploaded directly through the InTouch platform under “My Files” or forwarded as an e-mail attachment to the IAEA administrative contact indicated below.

Please keep a copy of these certificates, as they are *valid for a period of three (3) years*. If you are already certified on the BSITF II and ASITF courses, please upload them directly through InTouch or forward them to the IAEA administrative contact.