PARTNERS SEARCH

Call / Programme

Leonardo da Vinci: Mobility action

A transnational mobility for People in the Labour Market consists in a training placement for a period of vocational training and/or work experience undertaken by an individual participant in an enterprise or a training institution in another participating country.

Applications are submitted to the National Agency of the sending country (Spain).

More information:
http://ec.europa.eu/education/llp/doc/call12/fiches/ldv4_en.pdf
http://eacea.ec.europa.eu/llp/leonardo/leonardo_da_vinci_en.php

Timetable (deadline...):

The deadline to show interest is on **December 2013.**

The project could start by the year 2013 or the year 2014.

General description of the project:

The main goal of the project is: to send a group of 10 trainers from the Region of Murcia divided in different groups to laboratories, companies, research centres, etc. for a period of 3 months.

These students have completed a course on Laboratory Chemical Analysis and they will have had complementary technical language classes. The average profile of these students is young workers (25 to 35 years old), with university studies in Chemical field.

The cooperation of a possible partner of our project will consist mainly of searching companies in different Member states where our students can carry out non working laboratory practical training, according with their formation in Spain.

We would like to remark that there will not any cost for the partner (companies-laboratories).

Main objectives:

The aim of our project is to enable our students to improve their professional and personal skills in which they were trained, thereby reinforcing their overall training and helping them to find employment.

Main activities:

The proposal is to send a group of 10 students to laboratories for a period of 3 months. These students have completed a course on Laboratory Chemical Analysis at our training centre and they will have had complementary technical language classes.

The Laboratory Chemical Analysis course, with duration of 540 class hours, is comprised of the following training modules:

Module 1. Laboratory Organisation: Quality systems and certificates; Standardisation; Information Organisation: Computer programs; Compilation of reports; Human and work relations; Work procedures and protocols, and so on.

Module 2. Good Laboratory Practices; Safety and Hygiene and Environmental Control: Legislation and regulations in the field of safety in the manipulation of chemical products. Risk prevention and protection measures: chemical risks, toxic and corrosive substances, environmental pollutants; first aid; Environmental regulations; Emergency plans, and so on.

Module 3. Techniques in Physical and Physical-Chemical Analysis: Sampling; Using a variety of electric testing instruments (potentiometers, conductivity meters, and so on), optoelectronic equipment (refractometers, polarimeters, and so on.). Use of computer programs for reading and statistical data processing, and so on.

Module 4. Chemical Analysis Techniques: Sampling; Using different instruments to carry out: Dissolutions, titrations, volumetric and gravimetric measurements, distillations, and so on.

Module 5. Instrumental analysis: Sampling; Using equipment for a variety of laboratory techniques: spectroscopy, spectrophotometry, chromatography as well as capillary electrophoresis. Use of computer programs for reading and statistical data processing, and so on.

Module 6. Analysis Techniques in Microbiology: Taking and preparation of samples; Culture and sporing mediums; Families and types of micro-organisms. Staining techniques; Counts; Disinfection and sterilisation of instruments and culture mediums; Using: Microscopes, culture chambers, autoclaves and counters; How to interpret results, and so on.

Profile of partners sought:

Our students need to carry out practical training in analysis laboratories of the following type:

- Environment and/or materials
- Food and agriculture industries
- Petrochemical and/or refining industries
- Fertilizers, insecticides, fungicides, paints, oils and greases, and so on
- Paper mills
- Pharmaceutical industries
- Plastic and cork industries

Practical training in biochemical-clinical analysis laboratories in the field of public health such as hospitals, medical clinics and health care centres would be not be suitable for our students.

Contact details of the applicant

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