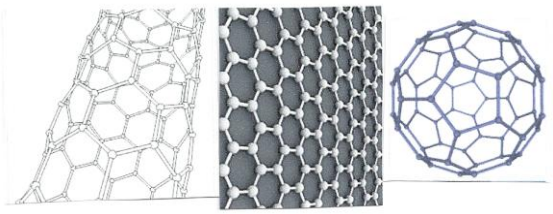
United Nations Institute for Training and Research



Introduction to Nanomaterial Safety: UNITAR e-Learning Course

26 October – 11 December 2015

Do you see sound management of nanotechnology as an increasingly important area of work? Do you wish to acquire relevant knowledge to assist development of policies and practices? Then please join our nanomaterial safety e-Learning course.

Nanomaterials have a range of novel properties enabling many new useful applications in areas such as medicine, environmental clean-up, energy production and material technology. However, the special properties of nanomaterials can also be a challenge, as these materials may have different implications for human health or the environment compared to traditional chemicals.

This e-Learning course provides interested stakeholders with an introduction to the sound management of manufactured nanomaterials. The course has been developed by UNITAR based on work under the Strategic Approach to International Chemicals Management (SAICM) and international organizations, such as the Organization for Economic Cooperation and Development.

Learning Objectives, content and methodology

Participants will learn about global, national and sector-specific issues and begin to develop skills for recognizing safety concerns and learning about risk management approaches to manufactured nanomaterials.

After completing the course, participants will be able to:
• Discuss properties, uses, and safety issues of nano-containing products
• Classify hazard, exposure and risk assessment, and options
• Identify opportunities and challenges to regulate nanomaterials
• Discuss international and national regulatory approaches
• Differentiate applications and uses of nanomaterials to improve environmental, public health, and safety issues

The course is internet-based, and places emphasis on online discussions and self-paced learning.
Moderated by course facilitators who are experts in the field, the total number of learning hours is 35 hours over a 7 week period. Specific course features include:

- Examples, multiple choice quizzes and tests
- Moderated discussions and interactions
- Additional resources (suggested books, articles, documents, and websites)

Target Audience

- Civil servants in national ministries, provincial departments and local authorities
- Environmental and occupational safety practitioners in private sector and civil society organizations
- Industry workers or representatives involved in production of nanomaterials
- Faculty members, researchers and students
- Interested citizens

No prerequisite or prior knowledge is needed to take the course.

Course Fee and Registration

The course participation fee is US$ 600. A UNITAR certificate will be provided upon successful completion of the course.

Registration deadline: **21 October 2015**
Register at: https://www.unitar.org/event/introduction-nanomaterial-safety-unitar-e-learning-course-0
Contact: **cwm@unitar.org**