

# **Nuclear Security Education and Training At Naif Arab University for Security Sciences**

**Dr. Amjad Fataftah  
Chairman, Forensic Chem. Dept.  
College of Forensic Sciences  
Naif Arab University for Security Sciences**

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# Introduction to NAUSS

**Naif Arab University for Security Sciences (NAUSS) was established in 1978 as an Arab regional organization specialized in security sciences to fulfill the needs of the Arab law enforcement agencies for an academic institution that promotes :**

- ✓ **research in security sciences,**
- ✓ **offers graduate education programs**
- ✓ **conduct short-term training courses,**

**This contributes to the prevention and control of crimes in the Arab world.**

**NAUSS is located in Riyadh, KSA, and is providing education and training in all security disciplines to students from all the twenty two Arab countries.**

**NAUSS is operated by board of directors reporting directly to the Council of Arab Ministers of Interiors (CAMI), organ of the League of Arab States.**

**HRH Prince Naif Bin Abdul Aziz, the Saudi Minister of Interior is the Chairman of Board of Directors.**

**NAUSS was established with the ultimate goals of:**

- **Promoting studies and research indifferent security areas,**
- **Expounding of Islamic criminal laws,**
- **Upgrading the professional skills of the Arab personnel working at the field of crime prevention and control,**
- **Establishing international cooperation with scientific and academic institutions for the exchange of expertise and information.**

# NAUSS Colleges and Centers

## College of Graduate Studies (CGS):

Offers professional degrees in three years programs leading to master and Ph.D., and one-year program to Diploma

### CGS Departments

- Police Sciences
- Criminal Justice
- Social Sciences
- Administrative Sciences

## **College of Forensic Sciences (CFS):**

**Offers a one-year professional and high diploma in different forensic sciences disciplines and equipped with state-of-the art laboratories.**

### **CFS Departments**

- Forensic Chemistry**
- Forensic Biology**
- Crime Scene**
- Physical Evidences**

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## **College of Training(CT):**

**Provides training programs designed to improve the Arab law enforcement personnel's skills .**

### **CT Departments**

- Training Programs**
- Special Training Programs**
- Security Exhibitions**

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## College of Languages(CL):

Offers a one-year Diploma in five different languages, English, French, Persian, Hebrew and Turkish.

### CL Departments

- English
- French
- Persian
- Hebrew
- Turkish

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## **Studies and Research Center(SRC):**

- **Conducts studies and research**
- **organizes symposia and conferences.**

## **SRC Departments**

- Research and Studies**
- Symposia and Conferences**
- Publishing**

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# Efforts of NAUSS in Combating Terrorism

- ✓ Terrorism is a global phenomenon endangering the geopolitical and socioeconomic stability of many peaceful countries all over the world.
- ✓ The crucial contribution of educational institutions in confronting terrorism is parallel to the role played by security apparatus in its combat.
- ✓ This confirms the central role of universities, institutions of academic and professional training, and security research organizations in the over all confrontation against terrorism.

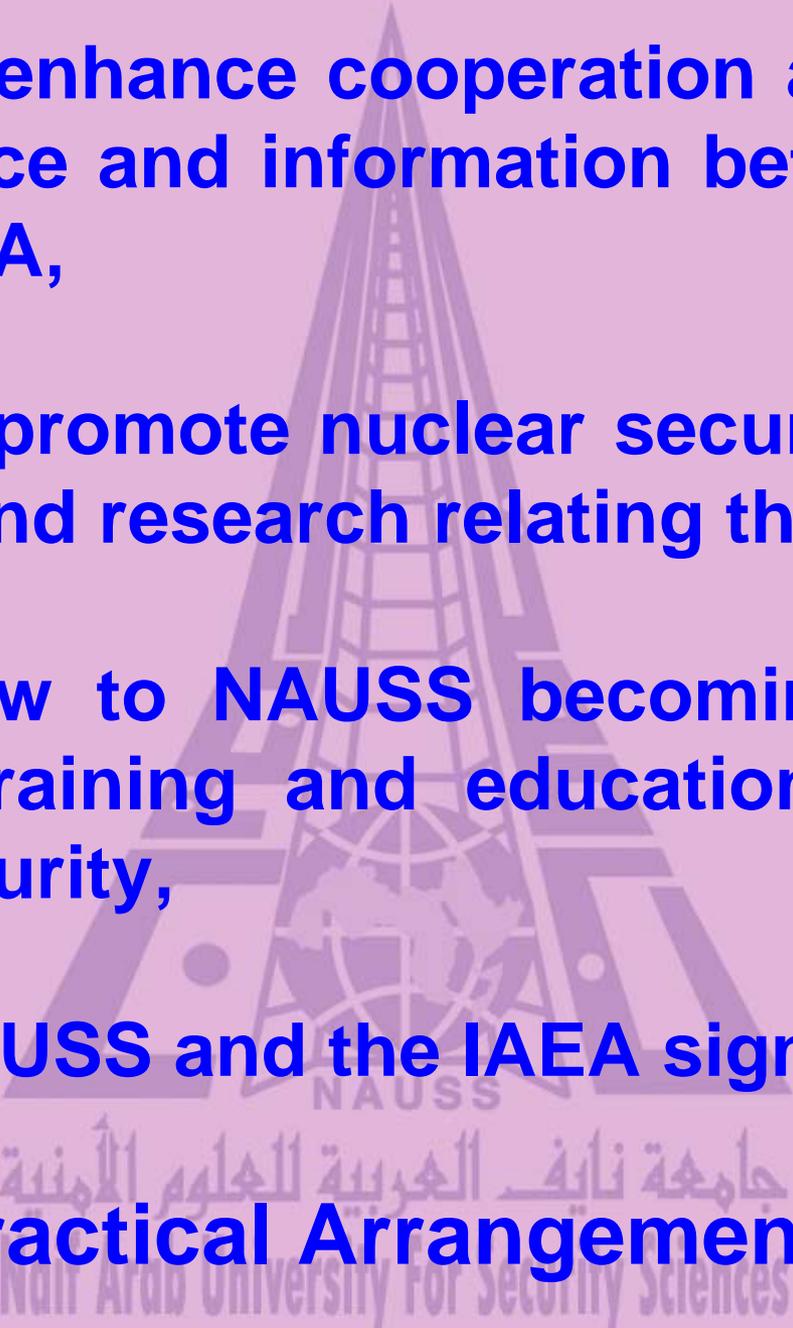
**Unique among these universities is NAUSS which has made tremendous contributions to fight against crime and terrorism through its academic endeavors.**

- **Designed special curricula**
- **Professional training programs to identify, prevent and combat terrorism.**
- **Enhance the public awareness about the evil act of terrorism through organizing open lectures, seminars and other mass media channels.**

# Relations of NAUSS with IAEA

The IAEA office of nuclear security approached NAUSS, as a leader in security sciences in the Arab world, to form a partnership aiming at combating nuclear terrorism through conducting training and education programs in nuclear security.



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- ✓ In order to enhance cooperation and exchange of experience and information between NAUSS and the IAEA,
  - ✓ In order to promote nuclear security as well as programs and research relating thereto,
  - ✓ With a view to NAUSS becoming a regional resource, training and educational center on nuclear security,

**NAUSS and the IAEA signed**

**“Practical Arrangements”**

## The Practical Arrangements call for:

- Promoting institutional exchanges by inviting scholars, delegates and designated participants for programs, lectures and/or research activities;
- Organizing Symposia, conferences, meetings and training on relevant issues;
- Exchanging information pertaining to developments in the areas of mutual concern; and
- Carrying out other joint programs and activities of cooperation as may be agreed upon by the parties.

# **Nuclear Security Activities**

**On November, 2006 NAUSS was invited and participated in the annual nuclear security seminar**

**“International Seminar on Nuclear Security”**

**organized by the IAEA in collaboration with United States government at Argonne national laboratory.**

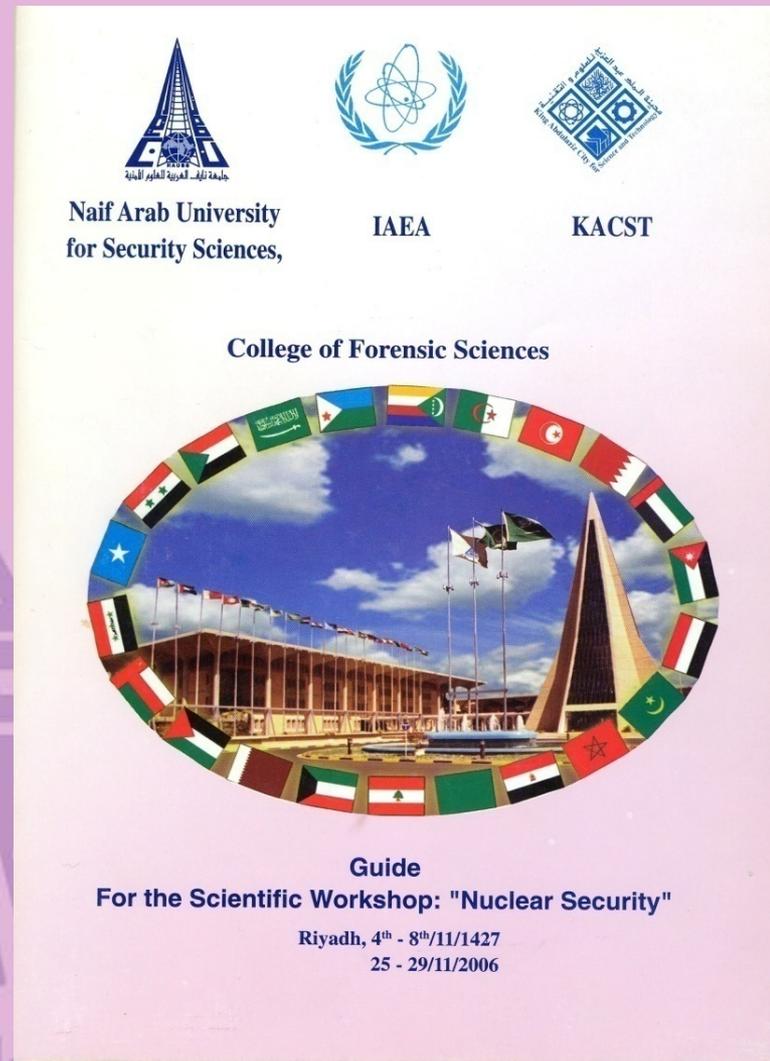
**NAUSS presented a paper on the “Forensic Analysis of Explosives”**

# Workshop: Nuclear Security 25-29/11/2006

In collaboration between  
NAUSS, IAEA, and KACST

KACST= Saudi National Atomic Energy Authority

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## Workshop Objectives:

- **Development of a consensus view of the needs for improved nuclear security in the region**
- **Exploring and improving nuclear security in the region and to raise the awareness of the need for nuclear security**
- **Offering the participants an opportunity to be presented information from experts in science, technology, legislations, law enforcement and education.**

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# Workshop Main Topics:

## Prevention:

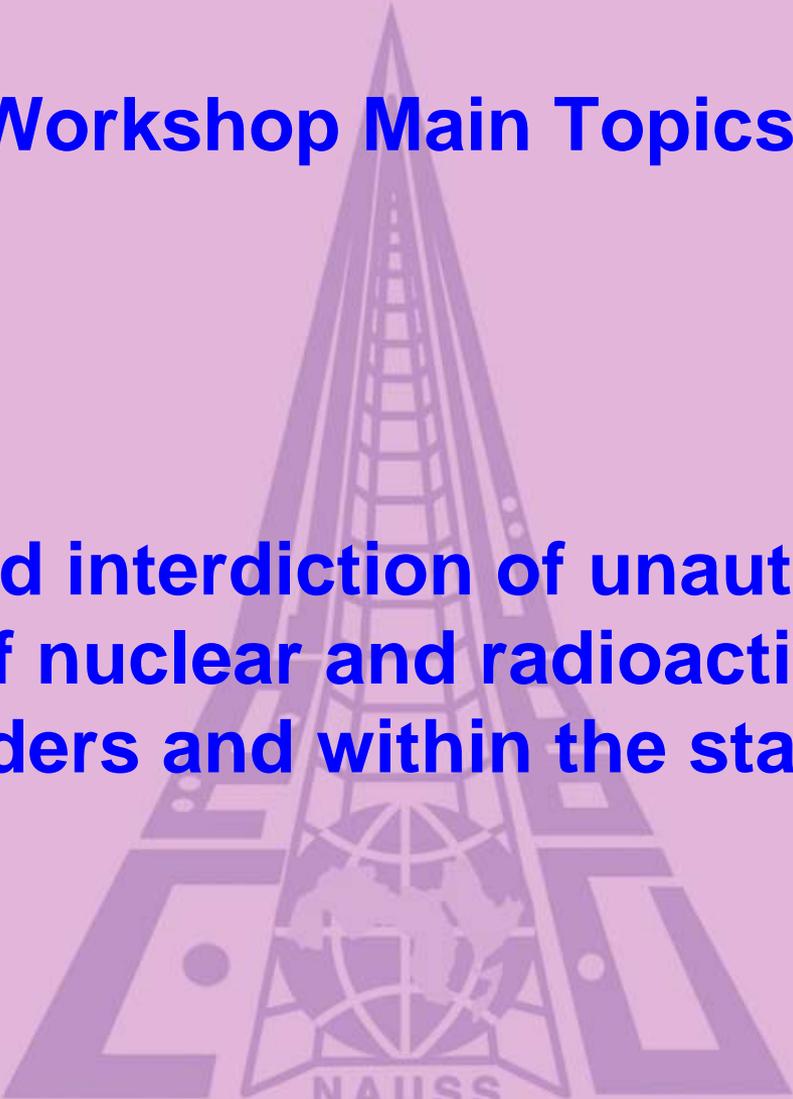
Measures to protect nuclear and radioactive materials, Illegal possession, smuggling,

Measures to protect installation and transports against sabotage.

# Workshop Main Topics:

## Detection:

**Detection and interdiction of unauthorized movement of nuclear and radioactive materials both at borders and within the state.**



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# Workshop Main Topics:

## Response:

The emergency response to protect public safety, and

The law enforcement and legal response to criminal incidence including nuclear or radioactive material.

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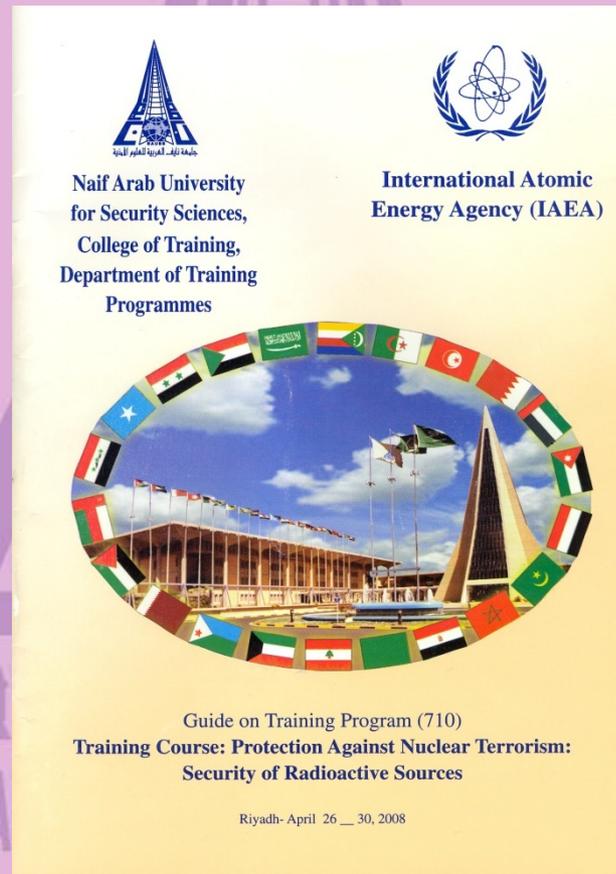
# Participants:

Sixty eight participants from fourteen Arab countries, namely: Jordan, Bahrain, UAE, Algeria, Saudi Arabia, Sudan, Syria, Kuwait, Lebanon, and Morocco, Mauretania, Egypt, Qatar.



# Training Course:

## Protection Against Nuclear Terrorism: Security of Radioactive Sources 26-30/4/2008



## Objectives:

- Increase the awareness of nuclear terrorism and the needs for nuclear security in the region.
- Introduction of the International Legal Instruments, and National Legal and Regulatory Infrastructure for Nuclear Security
- International cooperation in combating nuclear terrorism.
- Exchange of experience between participants

# Training course Main Topics:

- **Basic Radiation Principles,**
- **Identification of Radioactive Sources and their uses,**
- **International Legal Instruments**
- **National Legal and Regulatory Infrastructure**
- **Consequences of Malicious Use of Sources,**
- **Combating Illicit Trafficking,**
- **Transport Security of Radioactive Sources**

## Participants:

**Sixty participants from ten Arab countries, namely: Jordan, Bahrain, UAE, Saudi Arabia, Sudan, Qatar, Kuwait, Lebanon, and Yemen**



## **Two Ph.D. students graduated from the Police Sciences Department**

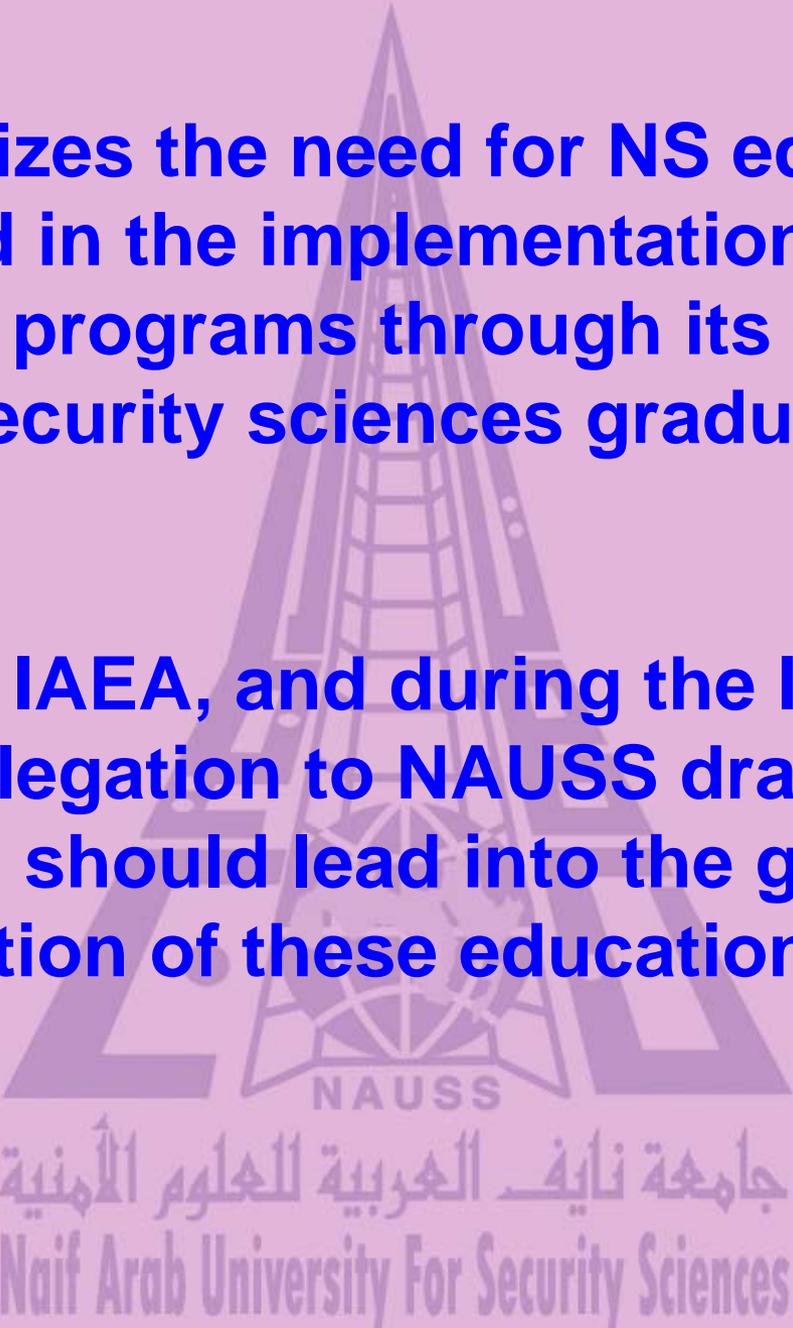
- **Analysis of the risks of radiation and its implications on national security, applied study on the situation in Kuwait**
- **Evaluation of national plans to address the threat of radiation in the Kingdom of Saudi Arabia**

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# **Nuclear Security Educational Program**

**In the past two years, IAEA has put tremendous efforts to develop an educational programs in nuclear security, which may lead into Master's degree in nuclear security.**

**NAUSS helped in this project through the participation in the IAEA organized consultancy and technical meetings for the development of this program along with many other academic, security and law enforcement experts and lawyers from many different institution in the world.**

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- **NAUSS realizes the need for NS education and is interested in the implementation of these educational programs through its existing academic security sciences graduate programs.**
  - **NAUSS and IAEA, and during the last visit of the IAEA delegation to NAUSS drafted a work plan , which should lead into the gradual implementation of these educational programs at NAUSS.**

## **The work plan calls for:**

**1- Continue to organize training courses and workshops in different applications of nuclear security, which should lead into NAUSS becoming a regional training and education center.**

Planned courses for 2009 are :

**❖ IAEA Regional Workshop on Implementing Legislation in Nuclear Security for Members of League of Arab States (End of May 2009)**

**❖ Nuclear Security Measures at Major Public Events (e.g.. The Hajj season) (end of June 2009)**

**2- Introduction of an introductory Nuclear Security course into the existing educational programs of the College of Graduate Studies.**

**By September, 2009**

**3- Development and implementation of one year diploma program in Nuclear Security as part of the existing diploma programs at the College of Graduate Studies, Department of Police Science.**

**By September of 2010**

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# Needed Technical Assistant from IAEA

- **Development of requirements for contents of the proposed Nuclear Security Courses**
- **Preparation of course material including translation into Arabic**
- **Arrangement of specialized training courses for NAUSS professors**
- **Establishment of laboratories for practical exercises with nuclear security equipment**

***THANK YOU***

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