

*Asia Pacific Institute
of Nuclear Science*

The Asia Pacific Institute of Nuclear Science is a nuclear science, education and training resource for business, industry and government.

APINS provides understanding and technical competence in the peaceful use of radioisotopes, radiation and other nuclear techniques.

APINS offers short intensive courses presented on a regular basis as well as courses specifically designed to meet the needs of an organisation.

APINS programs are staffed by experts from both The University of New South Wales and other organisations.

Lecturing staff are skilled educators and experts in specific scientific areas.

Internet address:

<http://www.chem.unsw.edu.au/schoolinfo/apins.html>

Radiation Safety in Hospitals for Nursing Professionals

7 - 8 May 2009

FEE \$550
(including GST)

VENUE

Room G05
Dalton Building
School of Chemistry
The University of New South Wales
Kensington NSW 2033

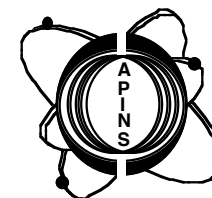
ACCOMMODATION

There are a number of moderately priced motels within walking distance of the University. Contact APINS for details and information about motels.

FURTHER INFORMATION

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School of Chemistry
The University of NSW
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THE UNIVERSITY OF
NEW SOUTH WALES

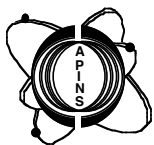


ASIA PACIFIC INSTITUTE OF
NUCLEAR SCIENCE

RADIATION SAFETY IN HOSPITALS FOR NURSING PROFESSIONALS

A course designed to extend the professional training of nurses in procedures involving radiation beams and sealed and unsealed radioisotope sources

7 – 8 May 2009



***Radiation Safety in Hospitals for
Nursing Professionals***

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**REGISTRATION FORM
and TAX INVOICE**

The University of NSW ABN 57 195 873 179

Surname _____

First Name _____ Title _____

Address for course information

_____ Postcode _____

Telephone: _____

E-mail: _____

Employer _____

Course Fee: \$550 (GST included)

Please keep the original completed form as your
TAX INVOICE. Forward this form and your cheque
payable to **University of NSW** for \$550 (GST
included) by **Friday 17th April 2009** to:

Anne Jordan, APINS, School of Chemistry,
The University of NSW, Sydney NSW 2052.

Phone: 02 9385 4666 Fax: 02 9385 4690

**RADIATION SAFETY IN
HOSPITALS FOR NURSING
PROFESSIONALS**

COURSE AIM

This course is designed to extend the professional training of nurses to include procedures where radiation is involved. It will provide an understanding of the special hazards associated with the presence of radiation and the specialised procedures that are normally adopted in the hospital situation.

The lectures, combined with a visit to a major hospital, will provide participants with the knowledge necessary to minimise exposure to radiation from external sources, and will also deal with the precautions necessary to prevent accidental intake of radioactive material.

COURSE CONTENT

The course is composed of lectures, group discussions and demonstration sessions. Topics covered include:

- * Properties of radionuclides and ionising radiations
- * Units of radiation
- * Biological effects of ionising radiation
- * Detection and measurement of radiation
- * Environmental radiation
- * Applications of radiation in medicine

- * Protection against external sources
- * Protection against internal contamination by radioactive materials
- * Storage and handling of radioactive sources
- * Personal monitoring
- * Safe ward procedures including nursing care, discharge of patients, emergency procedures.
- * Regulations and codes of safe practice
- * Effects of radiation on pregnant patients
- * The role of the Radiation Safety Officer

A technical visit to a major city hospital is included in the course.

COURSE PARTICIPANTS

This course is designed to make a major contribution to the management skills and professional development of nurses. It is likely to appeal to all nurses who wish to extend their areas of training.

It will benefit nurses who assist during procedures involving radiation beams and radioactive sources and those involved in post-procedural nursing.

TEACHING STAFF

The course is presented by educators skilled in the practical applications of radiation protection. These educators include persons who have extensive experience as Radiation Safety Officers and Medical Physicists in large metropolitan hospitals.