

# Nuclear Powered Warships – Working Safely in a Radiation Environment Course Syllabus

## Course Overview

This course is aimed at personnel who are working dealing with NPWs, in an environment where there are elevated radiation levels.

This course provides participants with the skills and knowledge to minimise their radiation exposure and work safety around nuclear reactors.



## Course Details

<b>Location:</b>	Osborne Park, WA
<b>Duration:</b>	2 days
<b>Times:</b>	08:30 to 16:30 (approx.)
<b>Cost:</b>	\$1,500 pp (min 3 people) ex GST.

## Course Variations

We can tailor the presentation of this course to meet your companies' specific needs. If you would like us to deliver this course at your premises, or present on a specific date of your choosing, please contact us so we can customise to your specifications.



## Course Structure

- An Introduction to Radiation
- Radiation in Perspective
- Radiation Dose, Measurement & Protection Principles
- An Explanation of Nuclear Powered Warships (NPWs) and Nuclear Processes
- Regulatory Systems – Commonwealth and State
- Procedures: Radiation Management Systems; Security; Initial Incident & Emergency Actions
- Assessment

## About this Course

This course does not involve nuclear engineering concepts and provides radiation protection skills and knowledge for those working with NPWs.

NPWs are managed by the Commonwealth and regulated under the ARPANS Act.

At a State level, personnel working around NPWs may be subject to requirements of the Radiation Safety Act, and other ARPANSA Codes of Practice and Safety Guides.



Workplace Health and Safety (WHS) legislation requires that companies provide workers with a safe system of work, which includes procedures; plans; training; supervision; etc.

This 'safe workplace' concept requires that workers are provided with a level of training to allow them to understand hazards and risks that exist within the workplace.

## Assessment

There are multiple practical exercises and activities throughout the course and there is a written theoretical assessment.

## Certification

A Statement of Attainment is issued upon successful completion of this course.

## Why choose Radiation Services WA?

We have proven know-how and reliability, with a reputation for prompt and professional service throughout Australia - our consultants have extensive experience having worked in regulatory and industrial radiation management capacities.

Our personnel have been commended for their ability to talk about radiation safety in simple terms and to put the risks into real-world perspective.

We are here to help and no matter what you require in the field of radiation management, we're able to deliver a timely and customised solution to suit your needs.