

# Discover a new way of Nuclear Training

Combining theory and practice, TÜV SÜD steers away from the theory-overstuffing you're used to.

Here, you will have the chance to directly apply newly gained knowledge in practical applications and collaborate with global experts to give you an up-close look at how the nuclear industry truly works.



Hands-on training & practical applications. Use of tools & equipment, real-world problem solving, technical visits.

Variety of teaching methods: Teaching conversations, case studies, practical demonstration and gameplay.



Support staff development based on basic, advanced and expert training levels.



Break through the obstacles of knowledge gaps with respect to the global nuclear business.



Gain better understanding of processes involved in nuclear new build projects, operations and decommissioning.



## Training Programmes



### Basic

Widespread overview of most relevant topics.

### Advanced

More in-depth knowledge on:

- ✓ Reactor Technology and Nuclear Safety
- ✓ I&C and Electrical Power Supply Systems
- ✓ Inspections
  - During Construction and Commissioning
  - In-Service
  - Maintenance
- ✓ Spent Fuel and Radioactive Waste Management
- ✓ Radiation Protection

### Expert

Experts increase their professional knowledge in these workshops on specific topics.

- Example:
- ✓ Equipment Qualification
  - ✓ ISO 19443

### Symposia

International expert knowledge and experience exchange and discussions of technology advancements.

## Tailored courses based on a comprehensive range of topics

- Reactor technology (PWR and BWR)
- Nuclear safety
- Radiation protection
- Environmental impact assessment
- Nuclear oversight: Licensing and regulations
- Nuclear oversight: Inspections
- International codes and standards
- Civil structures
- Basic components
- Equipment qualification
- I&C systems
- Reactor protection system
- (Emergency) power systems
- IT security
- Decommissioning, radioactive waste management and storage
- ISO 19443



## Gain knowledge backed by 40 years of real industry experience



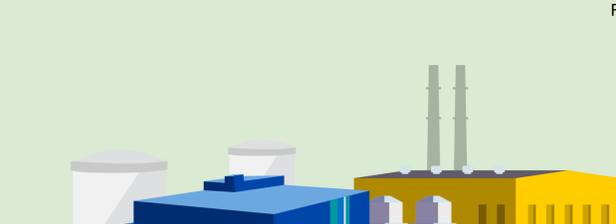
Design of systems, structures and components.  
(Bavaria, Baden-Württemberg, Hesse)



Periodic safety reviews.  
(Bavaria, Baden-Württemberg, Hesse)



Qualification of equipment and components.  
(Olkiluoto 3, Teollisuuden Voima (TVO), Finland)



Other international nuclear power plant projects in Switzerland, Korea and the UK.

## Learn More About the Courses

Get in touch with us today and learn how TÜV SÜD can help you meet industry requirements for qualified nuclear professionals.

[www.tuvsud.com/industries/energy/nuclear-power/training-workshop-tutorials](http://www.tuvsud.com/industries/energy/nuclear-power/training-workshop-tutorials)