



The Innovative Experience for Fundamentals Training

CORE™ contains all of the knowledge-based training required for generic fundamentals in one unique platform, allowing students to learn through interaction and exploration in the following subjects:

- Components
- Thermodynamics (BWR or PWR specific)
- Reactor Theory (BWR or PWR specific)

CORE™: The platform

CORE™ was developed by Operations Instructors and Instructional Designers using innovative and challenging materials that enhance learning for the student. The platform is hosted in a cloud solution accessible from anywhere.

Each lesson contains:

- **Lesson Guide** matching content with the learning objectives.
- **Digital resources** consisting on animated graphics, 3D models and interactive videos.
- **Mental Gym** with review questions to practice.
- **Mind maps** that summarize the important training content.

At the end of each module, the student will find a **serious game**, consisting of an entertaining mission to test the knowledge gained while taking the courses.

A **Practice Exam Bank** with NRC questions for students self-assessment is available for each module. Additionally, a **mentor** is added to the CORE™ program to help the individual student achieve their academic goals.

Benefits

A recent business case study estimates a **40 - 50% cost reduction** from traditional training methods. The main advantages of using CORE™ over traditional training methodologies are:



No training material maintenance required



Reduces student training time (shorter training period)



No face-to-face classroom time required



Improves long-term knowledge retention



Supports modern learning styles: personalized, engaging, interactive

Systematic Approach to Training and NRC Compliance

CORE™ has been designed using the Systematic Approach to Training (SAT) process, with objectives linked to the NRC Knowledge and Abilities (K&A) catalogue. The objectives of each lesson are based on K&A's contained in NUREG 1021/1122/1123.



Partnering with  **tecnaTOM**
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Learn more information on the CORE™ Interactive Fundamentals program at <https://coretraining.discoveraccelerant.com>