



# OPERATIONS

## LEARNING OUTCOMES



Develop proportionate risk-informed work scopes and strategies for HF input to operational systems.



Apply HF principles to describe the user considerations that can impact the design of tasks, equipment and the environment.



Justify through testing and validation that the human factors aspects support provisions meet the relevant functional requirements and the design intent.



Apply HF principles to develop usable, reliable operational arrangements and error reduction strategies that meet safety and design requirements and comply with relevant good practice.



Apply HF principles to analyse the human contribution to events and operational improvements to identify and embed organisational learning.



Outline the importance of a healthy safety culture and its role in supporting human and organisational performance.

## UNIT BREAKDOWN

Unit	Foundation Certificate (L1)	Higher Certificate (L2)	Advanced Certificate (L3)
An Introduction to Human Factors in Nuclear	✓	✓	✓
Introduction to Human Physical Attributes	✓	✓	✓
Introduction to Psychology	✓	✓	✓
An Introduction to Performance Shaping Factors	✓	✓	✓
Introduction to Human Factors Tools and Techniques	✓	✓	✓
Foundations of Nuclear Safety Management and the Human Factors Contribution	✓	✓	✓
Performance Shaping Factors and Relevant Good Practice		✓	✓
Human Factors Data Analysis		✓	✓
Human Factors Analysis Techniques		✓	✓
Integrating HF in work and project scopes		✓	✓
Human Factors Tools and Techniques for continued Operations improvements			✓
Evaluating Human and Organisational Performance, Reliability and Culture			✓