

Nuclear Readiness Programme Funding Support

Delivering on the people
element of the Nuclear
Sector Deal

Looking to break into the Nuclear Sector and develop the
skills, competency and capacity of your employees?

This project is supported by New Anglia Local Enterprise Partnership, through the Innovative Project Fund



Nuclear Readiness Programme

Aims and Objectives

Funding support is available for local businesses based in New Anglia to undertake training to develop the skills needed to maximise the opportunities in nuclear. The project is funded by the New Anglia Local Enterprise Partnership, through the Innovative Project Fund and facilitated by the National Skills Academy Nuclear (NSAN) with delivery through NSAN's Eastern flagship centre West Suffolk College.

The programme will:



Help to deliver a 'high performing, high quality' workforce to support the nuclear programme with the highest standards of nuclear professionalism, safety and competitiveness.



Provide industry with the confidence to invest in a nuclear future by securing a workforce with the capability, capacity and commitment required.



Assist the supply chain to develop the skills and expertise required to compete in the UK and global market for nuclear contracts.



Clearly demonstrate workforce competence to site operators and larger tier 1 contractors.

The programme will identify, engage and equip employers in the New Anglia economy to maximise the benefits to be gained from nuclear site development and operations in the area.

By:



Developing a highly skilled and flexible workforce that allows employers to compete effectively for new business and leads to progression for individuals (providing an inclusive economy with a highly skilled workforce).



Raising awareness of the current and future opportunities to work in the nuclear supply chain and through delivery of a suite of courses from the National Skills Academy Nuclear (NSAN), delivered at its Flagship Centre, West Suffolk College.



Enabling employers to benchmark their operations against recognised nuclear standards and take the necessary steps to close identified gaps.



Learning and building on successful supply chain work that has been carried out in Somerset at Hinkley Point C nuclear new build site.



Enabling employers to become leaner, more productive and more efficient, gaining accreditations that mean they are able to bid for a wider range of contracts in the nuclear industry at both home and abroad.

Deliverables



Engage with up to 40 employers in the New Anglia LEP region.



Provide training for up to 415 people on industry recognised qualifications, delivered at West Suffolk College.



Provide up to a maximum discount of 40% per person on the NSAN courses detailed.



Evaluate the effectiveness of the programme for potential rollout in other LEP areas.

Available Courses

Award for Nuclear Industry Awareness (ANIA)



The ANIA is a level 2 qualification to give an overview of the whole nuclear industry, helping learners understand where they fit in and the importance and relevance of the work they do. The course is split into three units:

- Unit 1 - History and development of the nuclear industry
- Unit 2 - Fundamentals of nuclear science
- Unit 3 - Application of nuclear energy and waste disposal

Delivered online via nucleartrainingnetwork.com with a written exam taken at an approved examination centre. Approximately 70 guided learning hours.

Who should complete it?

ANIA has been primarily designed to meet the needs of apprentices and all other personnel new to the nuclear sector, who need to gain a foundation level of understanding of the nuclear industry into which they will be starting their employment. ANIA will also benefit those in the industry who want to have a broader awareness and wish to gain recognition of their knowledge of the nuclear sector.

Triple Bar Nuclear Manufacturing (TBNM)



The TBNM provides individuals working in the manufacturing sector an understanding of what differentiates nuclear from other industries. The training provides a foundation level of knowledge. Participants undergo an end test to ensure that they understand the industry's compliance requirements and the consequences of not performing in the right way.

Delivered in three areas of content or 'bars':

- Basic Nuclear Awareness (BNA)
- Basic Nuclear Quality (BNQ)
- Basic Nuclear Behaviours (BNB)

Who should complete it?

Anyone working at all levels in the manufacturing supply chain, particularly those involved in product design, manufacture, inspection and testing, sales, procurement and project management.

Delivered in classroom, a two-day course

Triple Bar Nuclear Leadership (TBNL)



The TBNL course is for those hoping to supply to the nuclear sector, whether for new build, supporting existing facilities or decommissioning activities. It helps delegates understand the differences in the leadership and management style expected to be able to confidently work in the nuclear supply chain and offers tools and techniques to help establish the right business culture. Delivered in three areas of content or 'bars':

- Leading Nuclear Awareness
- Leading Nuclear Quality
- Leading Nuclear Safety

Who should complete it?

Middle managers, supervisors or team-leaders seeking to move to the next level of management and is also ideal for graduates and/or completed apprentices, as part of their career development programmes.

Delivered in classroom, as a two-day course, which consists of ½ day pre-course preparation, 1 day classroom tutor-led training, followed by a further ½ day post course reflection work.

Enhanced RCC-M Fundamentals



RCC-M is the French standard for the design and construction of pressurised equipment relating to the nuclear island of pressurised water reactor power plants. It has been upgraded several times since the issue of the first version of the standard in 1981, and at the end of 2007 RCC-M underwent a major upgrade.

This course has been developed with and is delivered by Bureau Veritas (BV). BV are experts in RCC-M in the UK, France and other parts of the world. This is an AFCEN Approved Course.

Who should complete it?

Engineers, quality managers and/or other key personnel from companies that are currently supplying, or seeking to supply, the nuclear new build sector who need to better understand the RCC-M standard.

Delivered in classroom, a three-day course

Human Performance Fundamentals



Human Performance is about us as individuals and teams, and how we can reduce the frequency of errors whilst building in better defence mechanisms. This programme fully meets the requirements set out in the internationally recognised Human Performance Fundamentals Training Standard. This standard has been developed by leading employers from the UK, US and European nuclear sectors, and provides a solid benchmark and consistent approach to all Human Performance training.

This programme has been designed and proven by arguably the most safety-critical sectors of all – nuclear. However, its learning outcomes are just as relevant to teams and individuals in other high integrity, highly regulated industries.

Who should complete it?

All employees or contract workers who either apply hands-on skills directly in the work environment, or who act as knowledge workers in support of the work environment.

Delivered in classroom, as a 1-day course including a simple assessment on the day to check understanding.

Elearning is available now, and classroom-based courses will be delivered by West Suffolk College when face-to-face activity is able to resume. All necessary safety precautions will be put in place due to the Covid-19 outbreak and to ensure social distancing.



Address

Classroom training will take place at West Suffolk College:
Out Risbygate, Bury St Edmunds, Bury Saint Edmunds
IP33 3RL



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A collaborative programme from



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