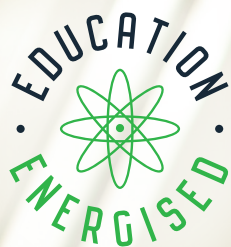


NATIONAL COLLEGE FOR NUCLEAR@BTC

CREATING A SKILLED
WORKFORCE FOR THE
NUCLEAR SECTOR

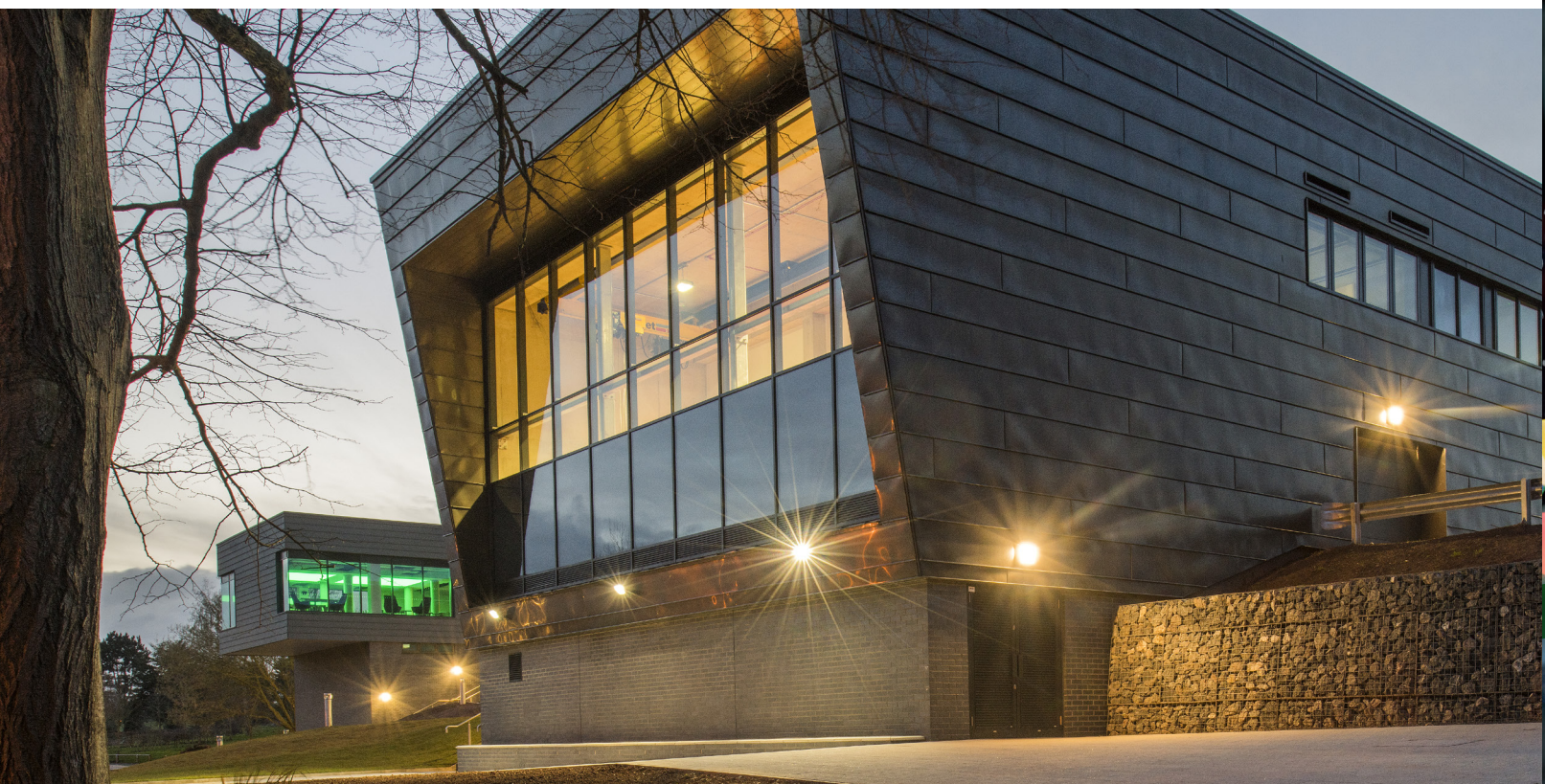


WORKING WITH NATIONAL COLLEGE FOR NUCLEAR @Bridgwater & Taunton College

Training and Education with NCfN@BTC is not simply a matter of gaining a qualification. The College offers training delivered by a professional team with Nuclear industry experience in an environment that simulates the behaviours and cultures expected within the nuclear industry, ensuring our students are work ready and competent to enable them to perform to the highest operational levels.

You can be assured of:

- Training and development programmes that address current and projected workforce needs.
- A unique task- and project-led curriculum which is constantly evolving to meet industry requirements.
- Teaching which equips learners with a core set of behaviours ensuring they are work-ready for the nuclear industry.
- Quality training accredited and validated by universities and industry partners aligned with the UK's nuclear strategy.
- Achieving academic qualifications delivered in a professional/vocational context, by trainers with experience in the nuclear sector.
- Gaining interaction with systems that apply theory, principles, data and methods to human factors in order to optimise human and overall system performance.
- Developing and understanding resilience, gaining the capacity to be robust under conditions of pressure, stress and change.
- Experiencing a unique, task- and project-based curriculum that emits and draws knowledge and core competencies together at the point of work, equipping learners with the skills and core behaviours that enable them to perform their occupational roles and responsibilities to a higher level more rapidly.
- Learning in an environment that brings together the Nuclear Community where their skills, knowledge and professionalism can flourish and transfer.
- Having the opportunity to learn in the geographically significant NCfN southern location, which complements stakeholder vision and ambition.
- Being immersed in an environment that exceeds industry expectations and ensures students adopt the behaviours expected of those who work within the nuclear industry.
- Studying in a unique environment where students interact with other apprentices and nuclear sector professionals.



TOGETHER, WE'LL LEAD THE WORLD IN NUCLEAR TRAINING

NCfN demonstrates the UK's commitment to placing nuclear at the heart of its industrial strategy for the 21st century.

National College for Nuclear @Bridgwater & Taunton College (BTC) located in Somerset is a state-of-the-art nuclear training facility which includes a virtual reality environment, a reactor simulator, computer-equipped training rooms, recreation and collaboration space, as well as sports facilities and accommodation.

NCfN has developed and is delivering the UK's nuclear sector curriculum, designing qualifications and training courses that are attractive to our students and meet the demand for highly-skilled workers in the nuclear sector. Our courses are designed in partnership with the sector for a range of highly-specialised careers.

Sellafield Ltd and EDF Energy have led industry input, working alongside Lakes and BTC Colleges, plus higher education providers, University of Cumbria, University of Bristol and University Centre Somerset.



"EDF Energy is proud to be at the heart of the UK's new National College for Nuclear. The National College will play a vital role in developing skills across the industry, underpinning the UK's nuclear renaissance. The industry needs high quality vocational skills so that we can continue to operate the existing nuclear fleet safely for longer, as well as for taking forward plans for the UK's first new nuclear power station in a generation. The National College for Nuclear will help ensure the UK has the right skills to participate fully in the global nuclear market."

VINCENT DE RIVAZ CBE

Former Chief Executive

EDF Energy



**BRIDGWATER
& TAUNTON
COLLEGE**

QUALIFYING THE NUCLEAR WORKFORCE

The nuclear industry is expected to need possibly 100,000 new employees over the next decade. NCfN's high-level nuclear curriculum, range of qualifications and progression routes to jobs, underpin this predicted growth.

At the heart of the National College for Nuclear@BTC is our commitment to collaborate with industry, bringing together our expertise and ensuring it is embedded at every stage of our training and education, so learners are fully-equipped for jobs and skills needs.

Our approach to training and teaching delivery is hands-on and innovative. Practical experience helps employees develop the high standards of human performance that are of such critical importance in the nuclear sector, and our virtual reality simulators replicate the nuclear environment, meaning learners gain real-world experience, working on a series of live projects, in a safe way.

Such immersion in practical assignments is the key to success in a training context. Augmented by technical instruction and academic assessment, the result is technical professionals who are accustomed to industry processes, protocols and behaviours.


"Working with the College has been a great success. It's enabled members of our Health Physics Operations Group to gain a nationally recognised qualification whilst undertaking their normal job role."

HELEN PALMER

Senior Specialist Trainer

Babcock





NATIONAL COLLEGE FOR NUCLEAR@BTC TRAINING OFFER

At the National College for Nuclear, through innovation and collaboration with industry, we deliver high-level technical training and qualifications to ensure career and skills development is relevant and supports economic growth.

All of NCfN's training programmes and qualifications are designed to meet the needs of the industry. Whether it's an entry-level programme for a school leaver, Apprenticeship, professional development course or degree-level qualification, our learners are well-prepared for the workplace.



**BRIDGWATER
& TAUNTON
COLLEGE**

NCFN PROVIDES:


- Access to industry
- Professional development
- Access to site certification
- Workplace NVQs
- Awards, Certificates & Diplomas (Levels 2, 3 & 4)
- Level 2 & 3 Apprenticeships
- Higher and Degree Apprenticeships
- Foundation Degrees
- Honours Degrees

PROFESSIONAL DISCIPLINES INCLUDE:

- Leadership & Management
- Project Control
- Business
- Sciences
- Mechanical Engineering
- Electrical Control
- Civil Engineering
- Welding
- Design
- Digital
- Health & Safety
- Nuclear Behaviours Training
- Decommissioning
- Nuclear Operations
- Radiation Monitoring and Protection

We can consult with you to find the right education and training solution that will meet your needs. Please contact us for more information.



A woman with brown hair tied in a bun, wearing safety glasses and a blue industrial uniform with reflective stripes, is focused on writing on a clipboard. She is standing in a complex industrial environment with yellow pipes, valves, and machinery in the background. The scene is brightly lit, suggesting an indoor factory or laboratory setting.

"We have made a strategic decision to offer the opportunity to study for an NVQ to all members of our decommissioning staff. We are seeing the benefits in terms of the team's enhanced understanding and performance of their day-to-day roles."

MICHAEL DUNNETT

Winfrith Closure Director
Magnox



**BRIDGWATER
& TAUNTON
COLLEGE**



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