



National
Technician
Development
Centre

Working in Partnership

NTDC Update 26 April 2022

Dr Sara Bacon Centre Manager



News at the NTDC

- Mel Leitch - Director



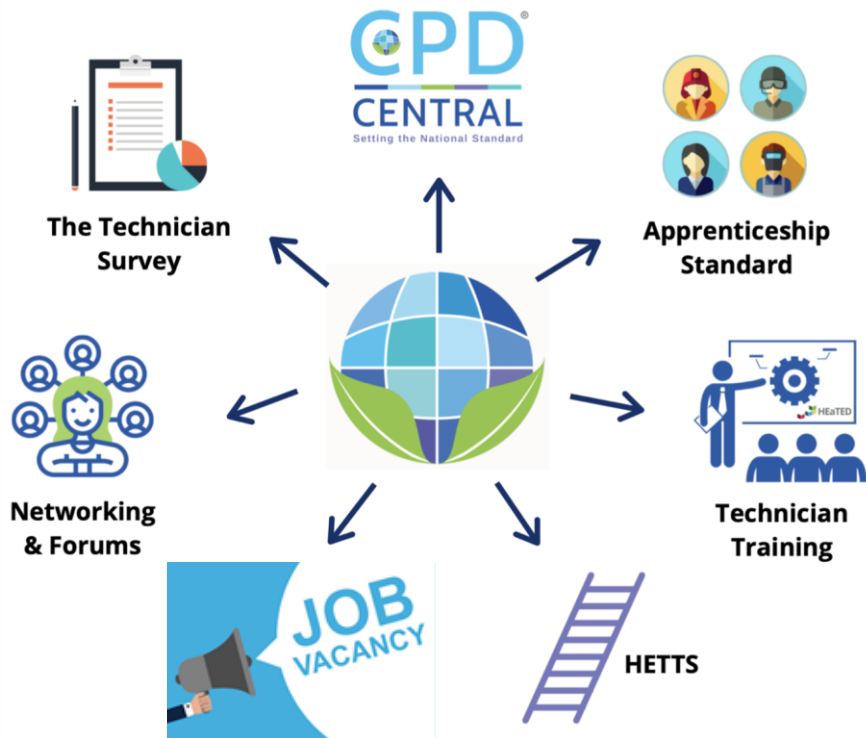
- Caleb Wright - Deputy Director



NTDC.ac.uk



NTDC Services and Support




Technician Commitment

"The Technician Commitment stands as a call to recognise the real contribution our technicians make to the life, success and achievement of our universities."

- Professor Sir Anton Muscatelli, Chair of the Russell Group



Keep updated

- Sign up to the newsletter ntdc.ac.uk/newsletter
- Follow us on Twitter - @NTDCtwee 
- Regularly updated jobs board
- Promotion and recognition of staff activity and Celebrating success



- Technician Prizes awards Case Studies and stories



Events

- SLS Exhibition 18th May 2022
- WIP event 26 April 2022
- TMU Conference 22 June
- Technician Partnership Conference 6th July 2022
- Partner Forum 8th September 2022
- IST Conference 14th September 2022



Technician Partnership Conference 2022

Technicians Stronger Together



National Technician
Development Centre

THE NTDC TECHNICIAN SURVEY REPORT: BENCHMARKING

2021



SDF's Festival of Learning and Development
Tuesday 23rd November
#SDFest2021

9:40 AM	Keynote Barbara Bassa AdvanceHE	Navigating the New and the Unknown through transformational Power of Presence
10:55 AM	Learning playground Deborah Steel and Amanda Finn Durham University	The colleague conversation compass
11:55 AM	Workshop Ann Allcock Marshall Limited	Authentic managers and leaders, and why need them
1:40 PM	Workshop Jo Cutler The aware leader	Empowering mindset - positive culture
2:55 PM	Techa Kucha - Simon Breen University of York - Sara Bacon The University of Sheffield - Laurence Dawkins-Hall Institute of Science and Technology	Calling all Staff Developers: How can national technician initiatives enable increased efficiency, effectiveness and organisational performance for Staff Developers?

**NTDC
TECHNICIAN
DEVELOPMENT
FUND**

An exclusive funding opportunity to support innovative technical initiatives.



Get Involved

- LEAF Pilot project
- NTDC Technician Development Fund
- [Photo Competition](#) / Technician Awards

NTDC Photo Competition 2022

Sponsored by Henry Royce Institute and Science Laboratory Supplies

The NTDC is holding its third annual Photo Competition – sponsored by Henry Royce Institute and Scientific Laboratory Supplies (SLS)

This year we want to celebrate the hard work of Technicians by showcasing some of their greatest achievements.

The NTDC Photo Competition

This will be the third year we've ran the NTDC photo competition. Both 2021 and 2020 were incredibly successful with some brilliant entries across the UK and beyond.

This year, we're doing things a little differently. We're offering bigger, better prizes and the winners will be announced in person at our **Partner Forum Event on September 8th 2022**. We're looking for Technicians to showcase some work that they are proud of, big or small, we want to celebrate it!

How to Enter:

- Submit a high-resolution photograph of you and your work – this can be anything you are responsible for making or maintaining in your workplace to enquiries@ntdc.ac.uk.
- Send in a few paragraphs telling us:
 - Your name
 - Your role & institution
 - Why you became a technician
 - Why you chose the photo you sent



NTDC Tech Fund Projects



**NTDC
TECHNICIAN
DEVELOPMENT
FUND WINNER:**

**DR. TOSIN
FAMAKINWA**

Cluster Manager at Western Sydney
University

Promoting Technical Careers to the Next Generation

Russell Wilson at Edinburgh Napier

Technicians using Digital Technology in the post-Covid world

Data Logging Architecture Through Own Gateway



#1 Technician Perception Project

The problem:

In our Technical Community

1. What are opinions of technical carriers and perceived barriers to a technical career?
2. What can we do to attract more young people into technical roles?



#1 Technician Perception Project

Solution:

Enhancing Research Culture QR Funding from Research England.

Sheffield University allocation was £700k

Technicians are part of the research culture at Sheffield University and a small part of the allocation is being used to fund a Technician Perception project.



#1 Technician Perception Project

Outputs:

Outreach programme to reach out to young people in South Yorkshire to harvest their opinions of technical careers and highlight the barriers to accessing those opportunities.

Report including best practices of outreach will be published later in the year

Jake Green



#2 Diversity and Profile of Technical Workforce and Career Pathways

- ERC QR Funded research project to investigate the **diversity** of the technical workforce, the **impact this has on career pathways**, and potential **barriers** to the role
- Involving a targeted survey of technical staff, collecting data on:
 - Profile of technical workforce through different lenses e.g ethnicity, age, disability etc
 - How staff found their way into a technical career
 - Length of service, time in post etc - identifying not just potential recruitment issues but retention issues too
- Pilot in partnership with the University of Sheffield, before expanding wider

Jared Carnie



#3 Mapping Technical Skills Regionally

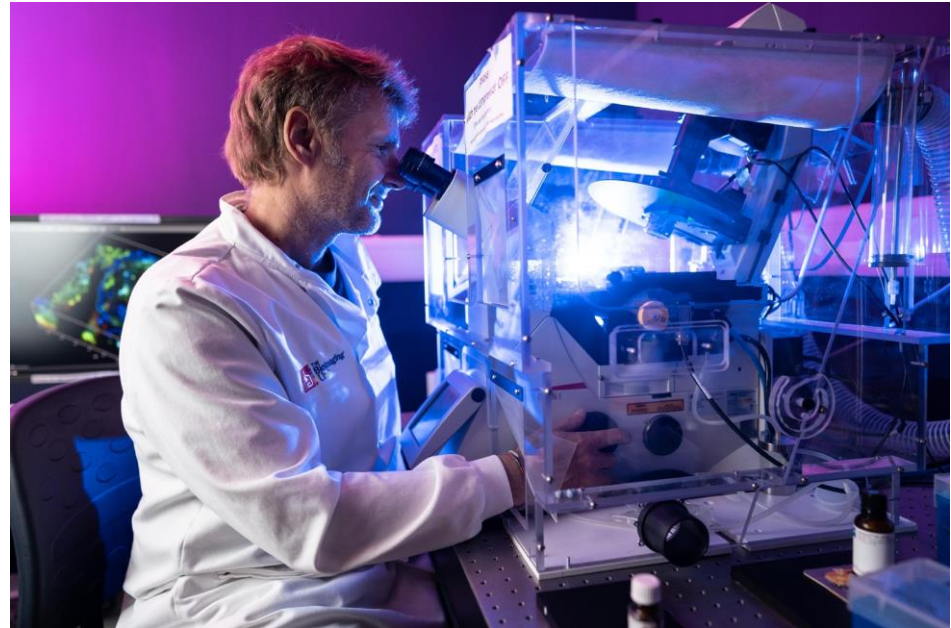
Skills mapping within institutions ongoing but what's happening across the region?

- Mapping technical skills across the N8 research Partnership

Output: digital dashboard

- Better understanding for policy makers
- Enhance CPD opportunities
- Improve the service offer to researchers

Jared Carnie



Apprenticeship guidance- [register here](#)



National Technician Development Centre presents...



EMPLOYING AN APPRENTICE IN A TECHNICAL ROLE: SOME PRACTICAL TIPS - PART 2

APR 28 • 1:00PM - 2:00 PM

A Free Online Event

Caleb Wright (Apprenticeship Scheme Manager at Birmingham University) and Karen Bailey-Smith (Technical Development, Modernisation and Innovation Manager at Sheffield Hallam) follow up from their previous workshop with a deep dive into running your own apprenticeship scheme

APR 28

Employing an Apprentice in a Technical Role – Some Practical Tips (Part 2)

by National Technician Development Centre

12 followers

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Free

[Register](#)

EMPLOYING AN APPRENTICE IN A TECHNICAL ROLE: SOME PRACTICAL TIPS

FEB 24 • 12:00 PM TO 1:00 PM

A Free Online Event

Caleb Wright (Apprenticeship Scheme Manager at Birmingham University), Karen Bailey-Smith (Technical Development, Modernisation and Innovation Manager at Sheffield Hallam) and Chris Turgoose (Specialist Advisor For Apprenticeships at NTDC) offer their best tips for running a successful apprenticeship.



FEB 24

Employing an Apprentice in a Technical Role - Some Practical Tips (Part 1)

by National Technician Development Centre

[Follow](#)

Free

[Register](#)



What is the NTDC Technician Survey?

- ▶ A web-based survey designed to capture every element of a technician's role and experience
- ▶ Includes a database over 3000 individual technical skills
- ▶ Completed at 14 universities with more underway
- ▶ Designed to support CPD, career development and workforce planning



Improvements for Technical staff as a result of running the Technician Survey:

- Insights from the data - technician training portals, increasing women in leadership/higher grade roles
- Filling posts within Technical Services
- Creating a skills catalogue to enable skills sharing and mentoring
- Highlighting and understanding skills that aren't currently utilised
- Increased recognition and visibility within institutions
- Increased training opportunities and budgets
- Athena SWAN recognition
- Identifying problems that can then be fixed
- Mapping skills to grades for career progression and pathways



THE NTDC TECHNICIAN SURVEY REPORT: BENCHMARKING

2021





HEATED

Visit us at www.heated.org.uk
heated@sheffield.ac.uk
[@HEATEDtechs](https://twitter.com/HEATEDtechs)

Higher Education and Technician Educational Development





August 2021 - 2022

29

COURSES

51

UNIVERSITIES

178

LEARNERS

1139

CPD HOURS



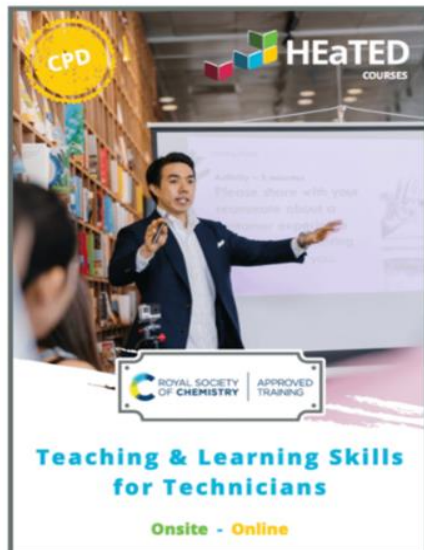
Our HEaTED courses were redesigned for online delivery

EXPLORE CPD COURSES

Welcome to our [CPD Hub](#). Below you can browse our range of CPD activities that we offer, designed to inspire technicians at every stage of their career.

[Click here to search course categories](#)

[Click here to search our CPD calendar](#)



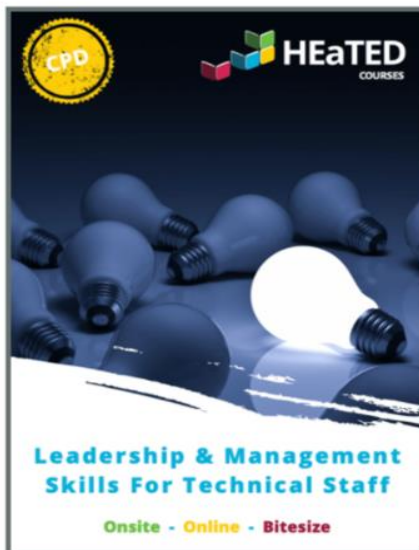
CPD

HEaTED COURSES

ROYAL SOCIETY OF CHEMISTRY APPROVED TRAINING

Teaching & Learning Skills for Technicians

Onsite - Online



CPD

HEaTED COURSES

ROYAL SOCIETY OF CHEMISTRY APPROVED TRAINING

Leadership & Management Skills For Technical Staff

Onsite - Online - Bitesize



CPD

HEaTED COURSES

ROYAL SOCIETY OF CHEMISTRY APPROVED TRAINING

Supporting Apprentices A Guide For Technical Staff

Onsite - Online - Bitesize



CPD

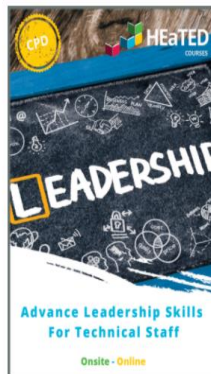
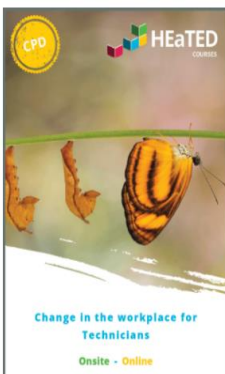
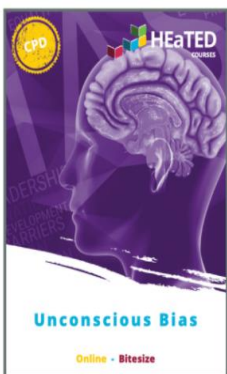
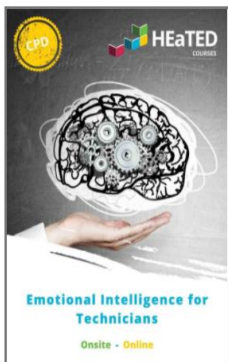
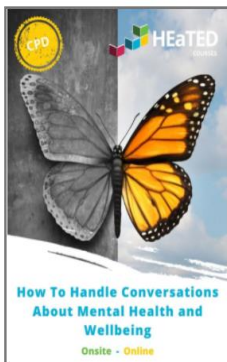
HEaTED COURSES

ROYAL SOCIETY OF CHEMISTRY APPROVED TRAINING




Project Planning Essentials For Technicians

Onsite - Online

We now have 23 HEaTED exclusive online courses for Technical Services staff with dates scheduled through to the end of 2022



Including three HEaTED courses, officially approved by the Royal Society of Chemistry




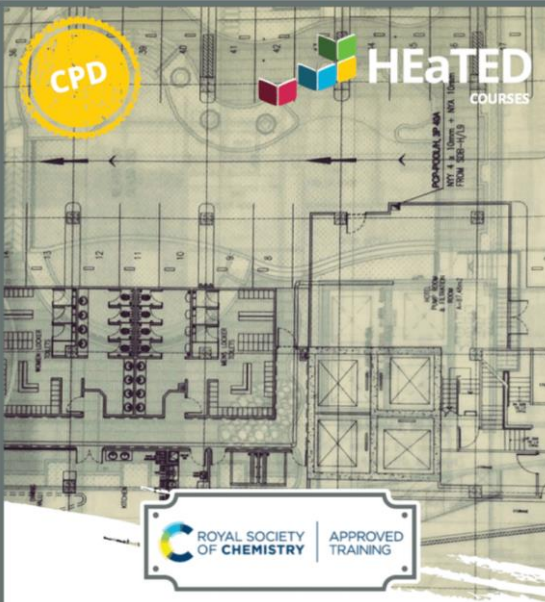


**Teaching & Learning Skills
for Technicians**

Onsite - Online



**Technicians Stepping Into
Supervision And Management**

Onsite - Online



**Project Planning Essentials
For Technicians**

Onsite - Online

And three new courses that will be available soon...



Train The Technical Trainer

Onsite



Time Management Skills

Onsite - Online



Sustainable Science and Green Laboratories

Onsite - Online

CLICK THE BROCHURE TO FIND OUT MORE

April



Change In The Work Place For Technicians
Online - Online

Change In The Work Place For Technicians 06/04/2022

1 Day - Online Course - Instructor Led

Working in an ever changing environment has become the norm for many technicians in higher and further education. This includes restructuring of technical teams and functions, organisational initiatives and strategic goals that impact on technician teams. To operate in this new climate, technicians are expected to support, enable and, where appropriate, drive the change processes for success...

May



Technicians Stepping Into Supervision And Management
Online - Online

Technicians Stepping Into Supervision & Management 11/05 & 19/05/2022

2 Days - Online Course - Instructor Led

As a new or aspiring manager, the role of supervision and management can be both exciting and challenging. To succeed, you will need people management knowledge and skills, coupled with process management practical tools. This is the backdrop for designing and developing a tailored course to help technicians feel and become confident in stepping into supervision and management...



Project Planning Essentials For Technicians
Online - Online

Project Planning For Technical Staff 18/05/2022

1 Day - Online Course - Instructor Led

This workshop is aimed at technicians involved in running small to medium sized projects in the workplace who have had little or no project management training. The workshop will focus on planning as the foundation for successful project management and participants will take away an accessible, flexible and scalable framework for planning projects...

Our next available courses...

May



Customer Service For Technical Staff
Online - Online

Customer Service for Technical Staff 25/05/2022

1 Day - Online Course - Instructor Led

Universities seek to be ranked high in league tables and recognised for their impact on teaching, learning, research and knowledge exchange activities, as evidenced in their strategic plans. The core university goals revolve around student-centered learning and satisfaction, and research-informed practice, coupled with a need to grow sources of income...

June



Effective Communication & Networking Skills
Online - Online

Effective Communication & Networking Skills 01/06/2022

1 Day - Online Course - Instructor Led

We communicate all the time, even when we do not say a word, and the results that we get are directly linked to how well we do it. Effective communication and networking skills are essential in every aspect of our lives, both at work and outside of work. They underpin building and maintenance of relationships that enable us to achieve our goals...



Leadership & Management Skills For Technical Staff
Online - Online

Leadership & Management Skills For Technical Staff 06/06 & 07/06/2022 - ONSITE - Manchester

1 Day - Online Course - Instructor Led

This course has been designed to cover eight key topics, linking theories of leadership and management together with workplace experiences, thereby providing a more holistic approach to learning. Delivery is through the provision of informal active learning sessions, which are intended to develop personal and professional leadership and management skills to enhance planning and delivery of services.

June



Assertiveness Skills For Technicians
Online - Online

Assertiveness Skills For Technicians 09/06/2022

1 Day - Online Course - Instructor Led

Based on well-researched theories and rooted in everyday practice, this CPD will empower participants to instantly embed their learning into the workplace, enabling them to become more confident with their behaviour at work. We will work with real life scenarios and will be referring to real life practices to make the session as experiential as possible and to empower participants to take the learning and start using it straight away...



Generating Income With Technical Facilities & Services
Online - Online

Generating Income With Technical Facilities & Services 15/06/2022

1 Day - Online Course - Instructor Led

Higher Education Institutions (HEIs) engage in income generation activities, sometimes referred to as 'enterprise', 'commercial', 'third stream' or 'third-leg', along with their core mission of teaching and research. The Technical facilities and services capability in HEIs has the potential to generate significant financial impact. Technicians who support and deliver income generation activities often note a boost in their motivation, engagement and career success...



Facilitation Skills For Technical Staff
Online - Online

Facilitation Skills For Technical Staff 16/06/2022

1 Day - Online Course - Instructor Led

Technician support to teaching and learning is essential in many institutions, both in practical and classroom settings. This CPD is designed to enable technicians to encourage and support the student learning process, including the provision of resources as a facilitator. We will explore the facilitator role, skills and behaviours appropriate to effective group facilitation and discussion, and their impact on outcomes, and skills of observation, analysis and feedback...

A new service was created in 2021. HEaTED Course Credits can be purchased in batches.

This allows staff members to quickly and easily access HEaTED courses with no need for individual purchase orders.

Course Credits are a member benefit.



HEATED

Creative Practitioners Network



Next working group meeting - 3 May

HEATED
ARTS

HAVE YOUR SAY!
MARCH 23RD 2-4PM

**JOIN US ONLINE FOR OUR FIRST HEATED ARTS EVENT
FOR ART TECHNICIANS, BY ART TECHNICIANS**
BOOK NOW AT WWW.HEATED.ORG.UK OR EMAIL HEATED@SHEFFIELD.AC.UK



HEaTED

Plans For 2022/3

HEaTED to welcome **European Members** to the Programme
Arts Technician Working Group to be announced
Online and Onsite **networking events**
New Courses based on your feedback
More **approved courses** by external bodies



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Discussion / Questions

