

*mtc*

Advanced  
Manufacturing  
Training Centre

# *catalyst*

The AMTC Newsletter

[www.the-amtc.co.uk](http://www.the-amtc.co.uk)



# Introducing the Advanced Manufacturing Training Centre

A welcome from Paul Rowlett, Managing Director, AMTC



The Advanced Manufacturing Training Centre (AMTC) is an extension to the Manufacturing Technology Centre and shares a common vision to 'Inspire Great British Manufacturing'.

The Lloyds Bank Advanced Manufacturing Training Centre offers an inspiring environment aligned to the manufacturing sector and is dedicated to delivering the facility's three core business streams. These are:

- Apprenticeship training
- Commercial / technical training and competency framework design
- National events and conferencing

We recognise the national skills shortage in the manufacturing sector driven by an ageing workforce and rapid developments in technologies. If we continue to train people the way we have, we will still have a skills gap in 10 years' time. Productivity is driven by expert people developing innovative solutions through technology and through our work at the AMTC and the MTC's Advanced Manufacturing sector, we are working hard to make a difference to UK manufacturing.

Equally, emerging themes of technology destined to affect UK manufacturing are embedded in our short courses designed to upskill engineers and our apprenticeship programme. Competency based training aligned to intelligent automation, metrology and advanced CNC machining have been designed and our next focus is what we believe to be the biggest growth areas in our industry - additive manufacturing and digital engineering.

Alongside our industry-leading training and apprenticeship programmes, the AMTC also offers state-of-the-art facilities for conferences and events. From four person meetings to exclusive hire of the building, the AMTC is one of the most connected conference venues in the UK and underpins our dedication to support and inspire Great British manufacturing.

## Acknowledgement of Patrons

AMTC has established a number of strategic partnerships with organisations committed to supporting the development of engineering technicians in the manufacturing sector. Organisations can contribute through sponsorship or patronage programmes. A mix of financial investment, access to the latest equipment and technology has been made available from:

**Lloyds Bank** - £5m over 5 years

**Siemens** – Software and training equipment

**DMG Mori** – CNC machines

**Hexagon** – Advanced measuring equipment

**Dorma** – Materials

**Multi-Pix** – Vision software

**Bosch Rexroth** - Automation training equipment



## Introducing MTC Events

Richard Watkins,  
Operations Director, AMTC



MTC Events delivers, manages and facilitates high quality events & conferences with a focus on the UK's high value manufacturing and emerging technology sectors.

The architecturally stunning buildings on the MTC campus provides the perfect backdrop for aerospace, automotive, rail, powergen and numerous other manufacturing industries to deliver events of all sizes. From small team meetings, workshops and training events up to large scale product launches for hundreds of attendees. All our event spaces include the very latest screen technology, access to our refreshment pods, free Wi-Fi and onsite support from our events team to ensure all your needs are catered for.

The MTC Events team are located within the Advanced Manufacturing Training Centre and manage the event spaces in multiple sites across the entire MTC campus.

The main focus for the onsite team is to work with our clients to host events that facilitate partnership working,

knowledge sharing and networking opportunities for companies involved in high value manufacturing and emerging technologies. In all cases any profits made are fed back into the apprenticeship training programme which brings a firm focus back to Great British manufacturing and training the next generation of young engineers.

In the past few months we have seen a significant growth in the hire of our conference and meeting room facilities with a series of major events hosted at the venue including electric vehicle launches for Nissan and Renault, Jaguar Land Rover retail network training, Lloyds Bank SME networking events and Sainsburys staff training and product launches. This growth means that in the past 9 months we will have hosted more than 40,000 attendees with hundreds of clients working with our

onsite team, all of which highlights the quality of the operational team and the versatility of the event spaces available for hire at MTC Events.

If you would like to find out more about the spaces for hire or arrange a tour of the facilities please visit

[www.the-amtc.co.uk/events](http://www.the-amtc.co.uk/events)





## What makes MTC Events unique...



### Exclusive hire

To make a real impression for a major event or product launch, we can offer exclusive hire of the venue including all meeting rooms, the mezzanine, lecture theatre, exhibition space and restaurant. We can also provide full access to our digital signage and internal and external signage points so you can ensure the full takeover of the building for the duration of your stay.

### Connectivity

All of our meeting rooms and conference facilities offer the very latest 'plug and go' connected technology. Several larger rooms now use 'Clickshare' technology which enables a USB unit to wirelessly pair your device with the screens in the room and all rooms have large flat panelled HD displays which can be paired by HDMI, USB or VGA cables. We can also offer the very latest Panasonic laser projector to display your presentation, video or image to 10m<sup>2</sup> and all with support available onsite if required.

### Fine dining

Our on-site caterers are one of the UK's most innovative and creative catering specialists and can provide fully themed fine dining options for small or large events. We work to ensure that our cuisine will make a memorable addition to your event or the venue restaurant can be hired for bespoke fine dining experiences.

### Complete event-management solution

We can arrange every aspect of your event - from accommodation and transport, to entertainment, themed menus and room decor. No task is too big or too small for the team, who are highly experienced and there to support and assist you every step of the way.



## Client testimonial: Seventh Sense Event agency for Nissan



“

We just wanted to say a huge thank you to the AMTC team for helping us deliver a fantastic product launch event.

on hand throughout our entire event. In addition the catering and service provided by the catering team was outstanding during the four day event at AMTC. We look forward to working with you again in the near future.

**Seventh Sense**  
Event agency for Nissan

MTC is a fantastic venue for automotive events with a forward thinking innovative approach to events. From the moment we made the initial enquiry the events team at AMTC were extremely helpful in supporting our ideas throughout the planning process and

## Fine dining at MTC



Our professional onsite hospitality team are one of the UK's most innovative and creative catering specialists capable of delivering dining for 2 to 500 guests.

We work to ensure that our cuisine makes a memorable addition to your event and our hospitality team adopt a consultative approach to deliver bespoke options catered to your every need.

From delicious themed menus to our fine dining experiences, we create imaginative dishes which add real theatre and flair to your event. We are also very proud to support local industry and use locally sourced produce where possible. From our meat, fruit and vegetables to our fresh coffee, we

work closely with local suppliers to procure the best ingredients to deliver outstanding quality, every time.

We have recently launched our Spring & Summer menu packages for 2017 that include a wide variety of tantalising options. As well as keeping with our Classic, Club and Platinum menus we have added a handmade, stone baked, sourdough pizza package with multiple choices for toppings. For those clients that really want to take advantage of the warm weather and the lakeside views that the MTC has to offer, this year we have added a selection of BBQ menus that will be freshly prepared by our chefs.



For more information or to book, visit us online at [www.the-amtc.co.uk/events](http://www.the-amtc.co.uk/events)

# *mtc* | My Future

Inspiring tomorrow's engineers  
at the home of Great British  
manufacturing

The Advanced Manufacturing Training Centre (AMTC) is at the heart of UK industry and plays a vital role in addressing the skills gap in the high value manufacturing sector.

We are dedicated to developing the skills required from the next generation of manufacturing engineers and technicians and our apprenticeship programme is central to this.



## Our apprenticeships explained

Apprenticeships are part government funded work-based training programmes to help give your team the sustainable skills they need to succeed in your business.

They provide a cost-effective solution to not only upskilling your existing workforce, but also offer a means of recruiting new staff who will receive high-level industry-specific training from day one, so that they can have a positive impact on your business from the start.

At the AMTC, we enrol 40 learners a year onto the Lloyds Bank Advanced Manufacturing Apprenticeship programme and these are selected from the best in young engineering talent. We want passionate, enthusiastic and determined young people on the programme so that in turn, we can deliver high quality, business-ready apprentices to our employer partners.



## Studying at the AMTC

All apprentices will complete broad-based training within the themes of Automation, CNC Machining and Metrology at the AMTC, a £36m state-of-the-art facility opened in 2015. Apprentices are also given industrial placement opportunities at the end of each module.

Our trainers are highly experienced in both the engineering and education sectors and are excellently placed to support our apprentices from day one right through to the completion of their training.



of employers agree that taking on apprentices has lowered recruitment costs\*

\*Engineering and Manufacturing Technology is the fourth most popular sector in England for apprenticeships (77,000 starts in 2015)



of businesses who employ apprentices believe that apprenticeships lead to a more motivated and satisfied workforce

## Employing an AMTC-trained Apprentice

As a partner employer of the Advanced Manufacturing Training Centre (AMTC), not only will we work with you to select the best candidate to meet your requirements, but we will provide you with someone who already has two years of industry-relevant skills and experience, so that they can have a positive impact on your business from the start.



“We have been extremely impressed by the apprentices that have joined us from the AMTC. They’ve been able to pick up advanced tasks and roles within the company very quickly and they’ve demonstrated high levels of professionalism and readiness for industry from the start.”

**Kerry Booth**  
HR Manager, FANUC UK Ltd.

## Benefits of apprenticeships to employers

- A cost-effective solution to training and recruitment
- Target skill shortages with individuals who have completed sector-specific study
- Increase employee retention, progression and loyalty
- Increase staff performance, efficiency and productivity
- Attract enthusiastic, motivated individuals
- Enhance profitability
- Employ a trained apprentice with known skills and behaviours

## Become an AMTC Employer Partner

We work with employers nationwide to place talented young engineers into industry and in turn, generate significant employer benefits that help to develop, motivate and inspire your workforce. Contact our dedicated Apprentice Placement Leader to find out more about joining the AMTC Employer Partner Programme.

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 [the-amtc.co.uk/myfuture](http://the-amtc.co.uk/myfuture)

# mtc | Training

Engineers and Technicians | Graduates | Leaders and Managers

A training solution managed and delivered by the MTC to help develop, motivate and inspire your workforce.

The Manufacturing Technology Centre plays a key role in redressing the skills gap in the High Value Manufacturing sector.

We help develop, maintain and build upon the vital skills required by manufacturing engineers and technicians to deliver the technologies of the future, and help the manufacturing industry stay globally competitive.

We offer a comprehensive range of technical courses that ensure your engineering staff are up-to-date with the latest engineering innovations.

Our face-to-face training programmes take place in a 'clean' research environment, away from the pressures of production. Our delivery team will work with your engineers to deliver insightful and practical learning experiences on dedicated equipment within our state-of-the-art facilities.

Using skill gap analysis, our courses can be designed and tailored to reflect the individual needs of your company or sector. This could be in response to the rapid pace of change, to accommodate business growth or to upskill in line with job requirements.



## Some of the courses run by MTC

Advanced Introduction to Additive Manufacturing

Improving Competitiveness through Automation

Design Drawing Best Practice

Introduction to Robot Programming

Business Improvement Techniques

For more information or to book your place, contact us today:

 [training@the-mtc.org](mailto:training@the-mtc.org)

 [the-amtc.co.uk/training](http://www.the-amtc.co.uk/training)

# Meet the Team

## MTC Events



**Emma Da Silva**  
Head of Sales



**Neil McGowan**  
Conference & Events  
Operations Manager



**Leah Pemberton**  
Events Co-ordinator

## MTC Training



**Steve Picker**  
Learning Development &  
Delivery Manager



**Martin Drury**  
Learning Design Manager

## MTC My Future



**Neil Fowkes**  
Head of Training – Apprenticeships



**Matthew Bastock**  
Apprentice Recruitment  
Co-ordinator



**Colin Bancroft**  
Apprentice Placement Leader

# Our Patrons



***mtc***

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**CATAPULT**  
High Value Manufacturing

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