MTC Apprenticeships
In just two years we have trained over 120 apprentices and placed more than 70 of our cohort with employers in the manufacturing sector. As part of our dedication to delivering industry-leading education and training, we have also developed and implemented the new Trailblazer-approved apprenticeship standard aligned with product design and development; a significant step forward for our Programme and testament to the excellent work that the Apprenticeships team does at the AMTC.

Looking ahead and building on the success of our apprentice programme, we are now exploring degree-level training programmes with a number of University partners, and we will be bringing you more news on this in the New Year.

MTC Training
Our commercial training offering is extensive and behind the scenes, our expert team continue to design new courses in line with industry trends and technological advances, with 15 new subjects over 2017/18. We were also proud to secure funding from Innovate UK, the UK public body that is responsible for driving productivity and growth by supporting businesses and encouraging innovation.

The new funding has and will continue to enable us to develop skills frameworks linked to digital and additive manufacturing, two of the biggest growth areas for our sector.

MTC Events
Our events business has continued to show strong and exciting growth, with many new and existing clients using our space to host a variety of events from different sectors. We have welcomed global brands including Jaguar Land Rover and Siemens, as well as a growing number of clients from manufacturing including Eriks, Robert-Net and Vector GB.

We have also invested heavily in our technology to enhance our visitor experience and we’ve been delighted with the feedback from our clients and their guests so far.

The increase in revenue from our events business remains vitally important to our continued commitment to supporting and inspiring Great British manufacturing, as every penny is reinvested into training and educating our apprentices who are the future of our industry.
Introducing MTC Events

Neil McGowan
Conference & Events Operations Manager, AMTC

Since the last AMTC newsletter, our events spaces have played host to a staggering 14,000 delegates. Clients including Bosch Rexroth, Bradgate Bakery, Eriks, ImechE, Lloyds Banking Group, Mecalac, Sainsbury’s, Thales and Vector GB Ltd to name but a few is a credit to our commitment to support high value manufacturing.

The AMTC as a venue has taken the opportunity to showcase its flexibility, diversity and adaptability in its usage for staging trade exhibitions, fine dining dinners and even a fashion show.

Recently, the AMTC has undertaken works towards an extensive upgrade in AV technology in its meeting spaces. What was already state-of-the-art has now been overhauled to ensure that conference organisers and delegates have access to technology that is easier to use, saves time and enhances the delegate experience.

In particular, we are proud to have introduced next generation 80” LED touch screen displays. These feature a quick-start whiteboard which can be operated independently and does not require a connected PC. Operators can draw straight or freehand lines, change line thickness, colour, and background. Presenters can also write and draw on media displayed from their devices, including video and still images.

These displays will also support the connection of a second display or projector via VGA cable. The anti-glare screen surface ensures clear visibility, so that our rooms can take full advantage of the natural daylight.

To improve versatility in room configurations, Rooms 7 and 8 have been furnished with ceiling-mounted laser projectors in addition to our LED HD displays. The projectors are specifically designed for lectures and presentations, supporting high detail even in bright environments. These can be used as standalone or simultaneously to enhance the delegates’ viewing.

ClickShare now comes as standard in all our first floor meeting rooms, allowing connectivity to our main screens and projectors from any iOS and Android laptop, tablet or smartphone.

To maintain a high quality customer service experience we have also introduced our trainer toolkits. These comprise of a stationery box and a tech box that includes all the necessary cables required to connect to our displays, with additional convenience items such as phone chargers and wireless presenters.

Investment in our team has also progressed, with our Events Assistant Wayne having recently passed an assessment which enables him to operate a forklift. This is a great addition to the team’s skillset and offers our clients a specialist service in handling palletised or heavy equipment and materials used during large events and exhibitions.

If you want to find out more about MTC Events and how our venue could support you and your customers, contact a member of the team today at events@the-mtc.org or on 02476 701 770.
AMTC gets AIM accreditation through the mia

The Manufacturing Technology Centre has been awarded the acclaimed Accredited in Meetings (AIM) certification, a mark of excellence recognised throughout the events industry.

Issued by the Meetings Industry Association (mia), the AIM accreditation assesses venues and suppliers against a set of common quality standards and is only awarded to those organisations that meet the strict code of conduct devised by the mia and endorsed by the HBAA.

The Advanced Manufacturing Training Centre, the MTC’s conference and events facility, was checked against customer service and experience, legal compliance, ethical practices and quality of facilities to achieve the award, which further cements the venue as one of the UK’s leading locations for meetings and events.

Commenting on the award, Richard Watkins, Operations Director at the Advanced Manufacturing Training Centre, said: “AIM accreditation is well sought-after within the events industry and represents the high quality standards we strive to achieve in all that we do at the MTC. There are few venues out there that match what we can offer in terms of flexibility, quality and connectivity and the AIM award is testament to the overall experience that we are very proud to deliver for our clients and their customers.”

New digital signage

In the last 12 months here at the AMTC we have invested heavily in the latest technologies, updating all of our in-room AV equipment with new full HD 55”, 65” and 80” screens, as well as top of the range ClickShare wireless connectivity.

Most recently, we have increased our technological capabilities as a venue with the introduction of a fully managed digital signage solution. This has resulted in the installation of 14 new signage screens across the ground and first floors’ conference and events space.

Event organisers will now be able to engage with their delegates during a conference or event with a more personalised touch at the click of a button. From news channels to Twitter feeds, photographs or video, the AMTC’s digital signage can display anything you choose.

To find out how our digital signage could enhance your event, please speak to a member of our team today.
Have exclusive use of the AMTC

The AMTC is the perfect blank canvas for any event, but did you know it can be EXCLUSIVELY yours? You can take over the entire venue and make the space yours, completely personalising your event and creating a unique and memorable occasion with a real wow factor.

Our high-end, state-of-the-art event space can host your product launch, conference, exhibition or AGM and with high-level security and a dedicated event management team we ensure a smooth running event from start to finish.

With a 250 seat auditorium, exhibition space, free car parking and free Wi-Fi, our venue is set in architecturally stunning surroundings and will inspire you and your guests. The AMTC is the perfect place for any size or type of event, from a trade show exhibition to a new product launch. Our event spaces combine the MTC’s reputation for world-leading manufacturing with the highest quality meeting facilities, providing flexible spaces capable of hosting events from 4 to 400 attendees.

Clearwater Events
Event agency for Mecalac

“Very impressed by MTC Events in Coventry. The team did an amazing job with our client’s gala dinner for 90 delegates and the night was a great success.

The team at Mecalac were very grateful for all the help and support provided by Leah and the Events staff from the MTC. We would like to say thank you to each and every member of your incredible team.”
Introducing MTC Apprenticeships

Neil Fowkes
Head of Training – Apprenticeships, AMTC

In November we celebrated the two-year anniversary of the opening of the Lloyds Bank Advanced Manufacturing Training Centre and the new home of the MTC apprenticeship programme.

First launched in 2011, the programme’s inaugural intake comprised of four learners. Fast forward to 2017 and our cohort of apprentices is up to 39, including four females – the highest since the programme began.

Over the last six years we’ve trained over 180 apprentices, with our 2011-2015 learners now in full time employment within the Advanced Manufacturing industry. Our 2014 apprentices are also now working towards completing their Level 3 NVQ’s in the workplace with a planned completion date of February 2018.

Looking towards our future cohort, we had a very promising response from our recent Open Evening in October, with more than 200 young people, parents and guardians in attendance – the busiest to date. After such an encouraging start, we have since scheduled our second Open Evening of the academic year for Thursday 14 December.

For the first time since launching the MTC apprenticeship programme, this year has also seen us bring our 2017 cohort straight into the AMTC for their foundation year of training; in previous years this has taken place at a local college, so our apprentices now have access to our state-of-the-art facilities from the very start of their apprenticeship. This year has also seen a change of emphasis for our programme and we are now able to deliver the new Apprenticeship Trailblazer Level 3 Engineering Technician qualification.

Most recently, all 36 of our current second years went out on their first industry placement. Apprentices joined a number of local companies that specialise in one of the three themed areas, Automation, CNC and Metrology. This part of the programme remains central to their academic and professional development, whilst also building their network within the industry.

So as apprenticeships continue to grow in popularity across an increasing number of sectors, we continue to demonstrate that manufacturing is no exception. With a record number of prospects attending our Open Evenings, existing apprentices gaining valuable industry knowledge and experience, and our graduates entering full time employment, it’s a very exciting time for MTC Apprenticeships.
The Manufacturing Technology Centre welcomes young learners to latest Apprenticeship Open Evening

The Lloyds Bank Advanced Manufacturing Training Centre (AMTC) opened its doors on Tuesday 10 October to offer young learners an unrivalled insight into studying at the home of Great British manufacturing.

The evening was a huge success, with more than 200 young people, parents and guardians in attendance – the facility’s busiest Open Evening to date.

Representatives from our MTC patron DMG Mori and employer partners Triumph, FANUC and Meggitt were also on-hand to offer valuable career advice, supported by current MTC apprentices and trainers, who gave demonstrations of the state-of-the-art machinery and technology in the Training Centre’s workshop, whilst attendees also had the opportunity to try out the virtual welding simulators themselves.

Our upcoming open evenings

Come and find out more about our advanced engineering apprenticeship. Hear from our tutors and existing apprentices, take a tour of our amazing facilities and watch demonstrations of the cutting edge technology in use.

Open Evening Dates

• Thursday 25 January 2018
• Tuesday 20 March 2018

How to sign up

Signing up for our open evenings is easy and free. Simply visit the below and enter your details:

the-amtc.co.uk/myfuture/open-evenings

You can choose the date you want to come along and parents and guardians are all welcome.

We look forward to welcoming you to the MTC and showing you around.

Commenting on the Open Evening, Steve Finn, Managing Director of DMG Mori, said:

“The event had a really good turnout and I spoke to a number of Mums and Dads with their children who were exploring an opportunity to start an apprenticeship.

“Encouraging the younger generation into engineering apprenticeships is vital to the long-term success of UK manufacturing, and the facility at the MTC broadens the opportunity to experience the exciting and wide range of disciplines that exist for young learners.”

Paul Rowlett, Managing Director of the AMTC, said:

“We are delighted to have welcomed such a high number of attendees to our latest open evening. At MTC, we are dedicated to supporting the next generation of engineers and our open house approach enables learners to engage with apprentices and employers and find out more about the rewarding career opportunities that the advanced manufacturing sector has to offer.”
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.

“The Junior Engineer that joined us from MTC had already received excellent training and arrived on day one ready to support on key projects from the outset. We are very pleased with the standard of apprentice and we will be using MTC as our chosen training provider in the future.”

Simon Button
Group Support Manager, MCS Control Systems

Become an MTC Employer Partner

As an Employer Partner of the MTC, your organisation will directly benefit from the industry-leading training, comprehensive study programme and access to state-of-the-art facilities that every one of our learners receives on our Advanced Manufacturing Apprenticeship Programme.

We will work with you to select the best candidate to meet your requirements and 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.

Contact the team today on 02476 701 770 or at apprentice@the-mtc.org.
MTC apprentices in the community

We are very proud of our Midlands base at the AMTC and as part of our dedication to the local area, the MTC apprentices recently spent time away from the training centre to take part in a number of community initiatives.

The cohort spent two weeks on projects at Draycote Water and Coombe Abbey, where they were put through their paces with tasks which included path making, tending to nature areas and supporting with general building and assembly work.

During the two-week period, apprentices were also given the opportunity to take part in Business Improvement Techniques training at the AMTC, to support their wider learning and study.

“The community project work is always popular with our apprentices and it provides a great opportunity for them to learn new skills, take on challenges and work together in a different environment. Feedback from the project staff was very positive and we’re proud to continue to support our local community.”

Neil Fowkes
Head of Training - Apprenticeships
The aim

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

The target audience

Engineers and Technicians
We help Engineers and Technicians stay ahead of the competition by providing training programmes that target both existing and emerging manufacturing technologies and processes. Learning best practice is designed for additive manufacture, industrial robot programming and cyber-security.

Graduates
We work with organisations to create bespoke graduate induction programmes that build upon the University qualification to further develop practical skills and application. Clients pick from a choice of modular subjects to meet their business needs, meaning programmes can range anywhere from between 3 days through to 6 weeks. Popular modules chosen are subjects such as Design Drawing Best Practice, Design for Manufacture and Assembly, Introduction to Machining and Introduction to Electro-Pneumatics.

Leaders and Managers
We provide a range of accredited courses to ensure decision makers are correctly informed and best placed to make decisions on adopting emerging technologies such as automation, robotics and additive manufacture.

Get the most out of your team with our ILM accredited Team Leader Supervisor Standard (Level 3) and Operations / Departmental Manager Standard (Level 5) programmes.

Note: Both of these approved standards are potentially fundable through the Apprentice Levy for employers with a pay bill exceeding £3m per year. If you are not a levy payer then you will only have to pay 10% of the apprenticeship costs assuming the value of training does not exceed the maximum funding cap.

MTC Training provides learning solutions designed to help develop, enable and inspire your workforce, providing tangible business improvements and a return on investment.

Introduction to MTC Training

Martin Dury
Learning Design Manager – MTC Training
The delivery method

All courses have been designed to incorporate a selection of delivery methods, to ensure we can meet your training needs irrespective of your location and schedule.

Face-to-face

Face-to-face courses are held at the Advanced Manufacturing Training Centre, delivered by our expert engineering team. They maximise on the opportunity for learners to experience practical activities whilst quizzing our experts.

Virtual classroom

Virtual classroom sessions are short structured training sessions and Q&As delivered live and online, using your computer’s video conferencing ability. They maximise on the opportunity to listen to and quiz our experts and industry peers without having to leave the business. There is no requirement to download software, you simply need an internet connection, speakers and an internal microphone (installed in most laptops). A typical PC headset is ideal for this.

eLearning

eLearning modules are short highly interactive training sessions delivered online. They typically cover the same content and learning objectives as the face-to-face training, but are compressed with simulated practical activity. They maximise on the opportunity to fit the learning around your schedule and business needs as they are self-paced.

Bespoke

This service is aimed at businesses with a large training requirement (such as a strategy to adopt additive manufacturing) and for those that want training solutions tailored to their needs.

How does it work?

Upon contacting the MTC training team, our experts will be in touch to:

• Understand your aspirations
• Measure the size and skill set of your team
• Define the learning objectives to match your aspirations
• Recommend the most effective & efficient delivery method (face-to-face, eLearning, virtual classroom etc.)
• Agree, design and deliver a bespoke training programme

For more information on our training offer:

Contact: training@the-mtc.org
Visit: www.the-amtc.co.uk/training

There are so many opportunities available to me now following my training with MTC. The programmes and facilities are truly world-class.

John Sanders
Additive Manufacturing course attendee
**New website live**

**www.the-amtc.co.uk/training**

The new MTC Training website is now live and provides detailed information and upcoming dates for all MTC Training courses.

Visitors to the site can book course places online and find out about the MTC’s extensive training offer, from engineer and technician programmes, graduate training through to senior management and leadership studies.

The website also offers a 360° virtual tour of the Advanced Manufacturing Training Centre, the MTC’s state-of-the-art facility where all onsite training takes place.

---

**Upcoming courses**

At the Advanced Manufacturing Training Centre, we are focused on developing, maintaining and building upon the vital skills required by manufacturing graduates, technicians, engineers and managers to deliver the technologies that keep the Great British manufacturing industry globally competitive.

Take a look below at the latest upcoming courses and register your interest online now at [www.the-amtc.co.uk/training/contact-us](http://www.the-amtc.co.uk/training/contact-us).

Exact course dates are to be confirmed depending on cohort numbers.

<table>
<thead>
<tr>
<th>Course name</th>
<th>When</th>
<th>Learning Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Insight into Digital Manufacturing</td>
<td>January</td>
<td>Virtual classroom</td>
</tr>
<tr>
<td>Improving Competitiveness Through Automation</td>
<td>January</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Technical Insight into Additive Manufacturing</td>
<td>January</td>
<td>Virtual classroom</td>
</tr>
<tr>
<td>Design Drawing Best Practice</td>
<td>January and February</td>
<td>Blended learning</td>
</tr>
<tr>
<td>Introduction to Robot Programming</td>
<td>January and February</td>
<td>Blended learning</td>
</tr>
<tr>
<td>Business Improvement Techniques</td>
<td>January and February</td>
<td>Blended learning</td>
</tr>
<tr>
<td>Business &amp; Technical Insight into Automation &amp; Robotics</td>
<td>January and February</td>
<td>Virtual classroom</td>
</tr>
<tr>
<td>Design for Additive Manufacturing</td>
<td>January and February</td>
<td>E-Learning</td>
</tr>
<tr>
<td>Digital Manufacturing</td>
<td>January and February</td>
<td>E-Learning</td>
</tr>
<tr>
<td>Essential Cyber Security in Manufacturing</td>
<td>February</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Technical Insight into Simulation &amp; Computer Aided Virtual Environments</td>
<td>February</td>
<td>Virtual classroom</td>
</tr>
</tbody>
</table>

Visit [www.the-amtc.co.uk/training/contact-us](http://www.the-amtc.co.uk/training/contact-us) and register your interest in any of our upcoming courses.
Lloyds Bank and MTC
Providing essential support to the Advanced Manufacturing Training Centre

Having backed manufacturing businesses for over 250 years, Lloyds Bank recognises the fundamental role that the sector plays in rebalancing the UK economy.

In order to play an active role in addressing the skills gap in the UK manufacturing sector and boost productivity, the Group has pledged to support the AMTC with £1m a year, over five years.

This investment will help more than 1,000 trainees, graduates and apprentices to gain professional qualifications up to postgraduate level.

The training provided matches the best in the world and provides access to cutting edge technologies and state-of-the-art learning facilities.

Lloyds Bank is proud to make this commitment to support the AMTC in developing a future generation of world-leading engineers for SMEs, who will help to re-assert the UK’s competitiveness and engineering prowess, by creating skilled engineers and technicians for manufacturers.

As a bank, Lloyds also supports UK manufacturing in other ways through commitments to provide funding and through the expertise of its relationship managers in the manufacturing sector.

The Group’s manufacturing lending pledge saw a commitment to provide £4 billion over four years of new funding support to UK manufacturing businesses and formed part of the Group’s Helping Britain Prosper plan.

In June, Lloyds Banking Group achieved this target six months early and is set to hit in excess of £4.5 billion by the end of the year.

Training is also being provided to colleagues through an accredited manufacturing programme which has been developed in conjunction with the University of Warwick and the Warwick Manufacturing Group. So far over 350 managers have been trained.

These pledges are a demonstration of a long-term commitment to support the UK’s manufacturing sector to improve productivity, diversification and innovation and help Britain prosper.

Lloyds Bank is proud to make this commitment to support the AMTC in developing a future generation of world-leading engineers.
The specialist venue for your exclusive car launch event

Exclusively hire the MTC for your automotive event
Receive a 25% discount

Available for bookings before the end of March 2018

Interested?
Get in touch with our events team now and quote reference MTCAUTO17

+44 (0)2476 701770 events@the-mtc.org the-amtc.co.uk/automotive

With thanks to our patrons

Lloyds Bank
Siemens
Rexroth Bosch Group
Dormer Pramet
DMG MORI
Hexagon
Multipix Imaging