

NEWSLETTER EDITION 2

SPRING 2022

A WORD FROM THE AMTCE

2021 heralded the start of the AMTCE's journey. We had all the excitement and challenges of a new start-up organisation through the course of the year. It was very heartening for the AMTCE to receive such a positive response from companies and their employees who we had the pleasure of dealing with during the year. Almost 250 learners completed training with us from August through to December. We very much appreciate the positive feedback that we've been receiving for both the AMTCE and our training partners.

With 2021 already in the rear-view mirror it's been a very busy and exciting start to 2022. Our building project which will transform the internal structures of our building to a state-of-the-art training centre sprung into life in January. The Centre is awash with hard hats, hi-vi vests and cacophony of noise. The multimillion-euro project supported by funding from SOLAS will be completed over the coming quarters with the first training rooms including our robotics and industry 4.0 training rooms scheduled for completion in early Q2. The AMTCE team are really looking forward to the transformation within the Centre and the ability to invite companies and their employees into the Centre to either visit or participate in our training courses.

We are delighted to be able to offer an expanded training offering this year with a particular focus on the Pharma/ Chemical and Food and Drinks sectors. Please check out our website for details on the new courses in areas such as Practices and Processes for both the Pharma and Food & Drinks sectors which will be scheduled through the year. We also have a number of new initiatives in flight to further expand our hands-on training offering in targeted areas based on the needs identified by companies. Stay tuned for exciting announcements later in the year.

If you're interested in upskilling your workforce, or yourself, and have specific needs, we're here to work with you to find the right training solution for you or your organisation. We look forward to your call. Stay safe and we hope to see you in one of our courses in the near future.

Michael J McGrath

Michael J McGrath
 Director, AMTCE

NEWS SECTION

WHAT'S GOING ON AT THE AMTCE?



Construction Update: Exciting Progress and Collaboration

The AMTCE site has been a hive of activity since the beginning of January! Main contractor C.J. Callan and team have been busy transforming the internal space within the Centre to create new training rooms to house the AMTCE's extensive range of state-of-the-art equipment.

The building works are also allowing the AMTCE team to enhance the Centre's eco-credentials with new and highly efficient heating, ventilation, and lighting systems and to upgrade the ICT infrastructure to the

latest standards which provide the fastest network speeds.

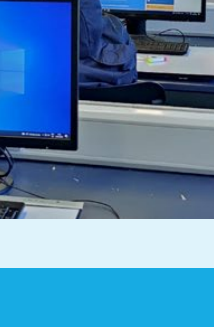
A real collaborative effort between the AMTCE/LMETB staff, the project architects, the professional services teams, and the building team is ongoing to bring an ambitious vision for the Centre to life and to create a space where people will truly enjoy learning.

Installation of equipment into the first training rooms is expected in the coming weeks and it will certainly be a busy summer to

have everything ready. Watch this space for project updates!

The entire team at the AMTCE is confident that visitors will be truly impressed by the finished

product and looks forward to welcoming everyone who comes to visit, to learn and to be inspired.



View the
 Virtual
 Centre
 Building
 Plans!

Schools Project Continues

The AMTCE team were delighted to catch up with students from Coláiste na hInse, Bettystown, County Meath for the second session of their Advanced Manufacturing/ICT Schools Project.

The pilot scheme with Coláiste na hInse and St. Peter's, Dunboyne, County Meath, involves three sessions and will

conclude in early May.

For the latest session with Coláiste na hInse, students had a chance to use VR glasses to interface with the control of a robotic arm, see 3D printing at work and much more.

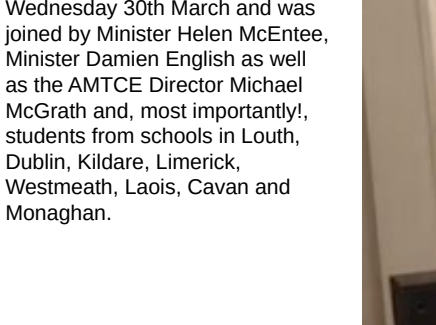
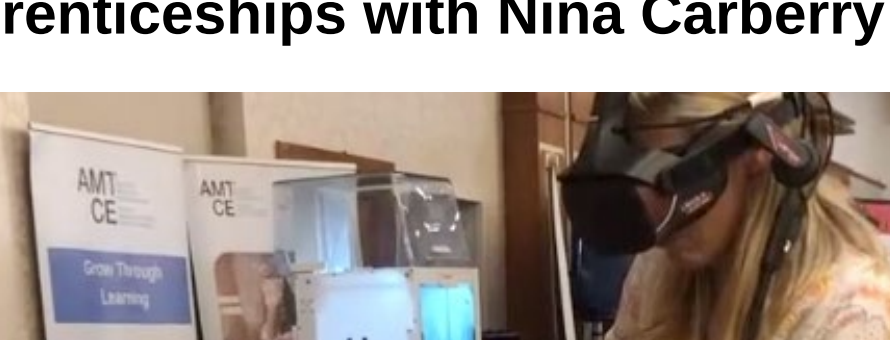
Our thanks to the students and teachers, as well as tech talent support organisation FIT, for their work on an excellent project.



BUSH POST PRIMARY SCHOOL INNOVATION CHALLENGE

Researchers from Irish Manufacturing Research were welcomed to Bush Post Primary School, Dundalk, as part of the AMTCE's ongoing Innovation Challenge.

Students had a unique opportunity to learn more about additive manufacturing and a chance to brainstorm some really exciting ideas during a design thinking workshop.

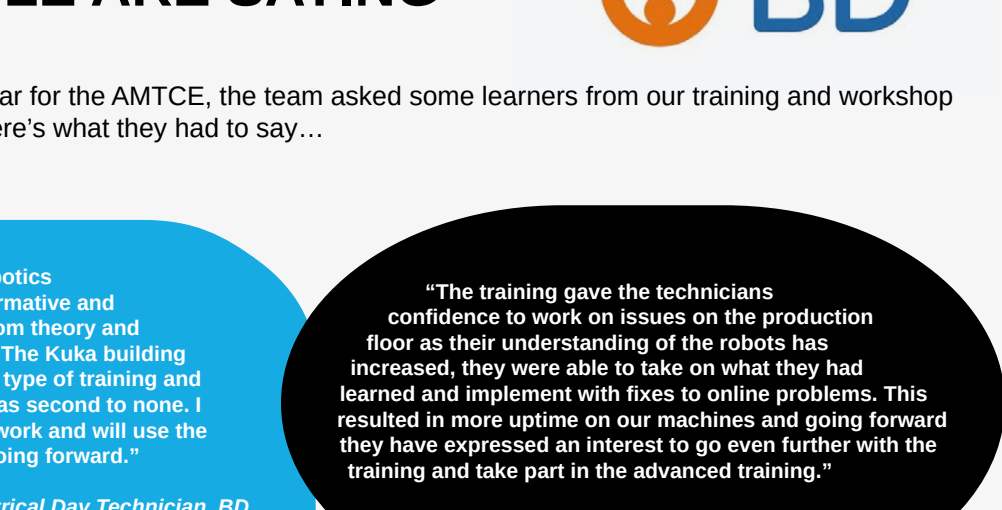


Celebrating Apprenticeships with Nina Carberry

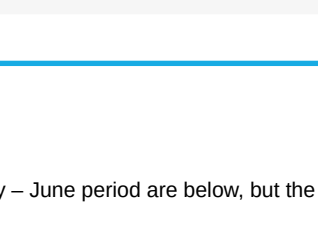
Dancing with the Stars winner Nina Carberry was shown what advanced manufacturing training looks like in action with a little help from the AMTCE's VR welder!

Champion Jockey Nina launched Meath Chamber's superb Apprenticeship Expo 2022 in the Knightsbrook Hotel in Trim on Wednesday 30th March and was

joined by Minister Helen McEntee, Minister Damien English as well as the AMTCE Director Michael McGrath and, most importantly, students from schools in Louth, Dublin, Kildare, Limerick and Westmeath, Laois, Cavan and Monaghan.



WHAT PEOPLE ARE SAYING



With 2022 already a busy year for the AMTCE, the team asked some learners from our training and workshop events for their feedback. Here's what they had to say...

"I found the Intermediate Robotics training very relaxed but informative and inclusive. The mix of classroom theory and practical work was just right. The Kuka building is a fantastic location for this type of training and the instructor's knowledge was second to none. I found it very relevant to my work and will use the knowledge I have gathered going forward."

Steven Faulkner, Senior Electrical Day Technician, BD

"The training gave the technicians confidence to work on issues on the production floor as their understanding of the robots has increased, they were able to take on what they had learned and implement with fixes to online problems. This resulted in more uptime on our machines and going forward they have expressed an interest to go even further with the training and take part in the advanced training."

Clarian Griffin, Technical Team Leader, BD

FEATURED COURSES: MAY – JUNE 2022

The list of AMTCE opportunities for learners is more packed than ever! Some highlights of the May – June period are below, but the course offerings don't end there. To browse the full range of courses on offer visit the AMTCE website.

BROWSE ALL UPCOMING COURSES

Skills to Advance Funded Training

INNOVATION THROUGH ROBOTICS

Runs over a 4 week period with a combination of online learning, self directed learning and a workshop in IMR.

Starts June 6th
Course Duration: 4 weeks

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 and Training Board

APPLY NOW

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 Employer Engagement Officer
 +353 86 035 7568
 amtceskillstoadvance@lmetb.ie
 www.amtce.ie

Skills to Advance Funded Training

L5 SIX SIGMA GREEN BELT

This 5-day training course will provide the learner with an understanding of Lean Green Belt practices and will enable them to become effective team members faster, which will result in improved performance and reduced time scales for Lean Six Sigma projects.

May 25th, June 2nd, 9th, 16th & 28th
5-Day Course

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Skills to Advance Funded Training

UX IN MANUFACTURING

This IMR course will introduce participants to User Experience (UX) research & design, in general and specifically to manufacturing. All learning will be applied in a practical workshop, where solutions to UX challenges in manufacturing will be explored.

May 11th
Live Online, 1 Day Programme

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Skills to Advance Funded Training

ROBOTIC WELDING

This training aims to provide learners with the tools required to understand the key principles of robotic welding and to be able to perform a variety of welding operations with a KUKA robotic cell.

May 9th, 10th, 11th, 12th & 13th
5 Day Programme

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Skills to Advance Funded Training

INDUSTRIAL ELECTRICAL SYSTEMS

This training aims to provide learners with the skills required by industrial maintenance technicians to safely diagnose and repair faults in electrically controlled equipment.

May 3rd, 9th, 10th, 16th & 17th
5-Day Course

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Skills to Advance Funded Training

ADVANCED 4 AXIS MILLING COURSE

This is an advanced Fanuc designed for people, delivered with IMR. Designed for people with some knowledge and experience of the machining process and CNC controls but who want to acquire the necessary skills to program 4-axis mills.

May 23rd
Face to Face Classroom & Workshop, 3 Day Programme

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Skills to Advance Funded Training

INTRODUCTION TO INDUSTRY 4.0

This one day IMR training course will provide the learner with a procedural model that supports both the understanding and scope definition of Industry 4.0.

June 14th
1 Day Course

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BROWSE ALL UPCOMING COURSES

INDUSTRY NEWS

Intel Investment

The AMTCE team were delighted to read that chipmaker Intel plans to invest a further €12 billion in its Liscully semiconductor facility, bringing the total investment in the facility to €17 billion.

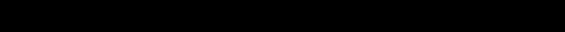
200 Jobs Announced

The announcement of a €35m investment in its operation in Castletroy, Limerick, will see 200 jobs created by contact lens maker Johnson and Johnson including automation roles. Minister of State at the Department of Further and Higher Education, Research, Innovation and Science, Niall Collins said the investment "clearly signals their desire to drive, and commit to expanding their advanced manufacturing footprint in Ireland".

Vote of Confidence from Californian Company

Everyone at the AMTCE was encouraged to learn that US-headquartered company Ultra Clean Holdings, whose Services division provides ultra-high purity tool chamber parts cleaning and coating for the semiconductor industry, has chosen Ireland as the location for an Advanced Technology Cleaning Centre (ATCC). The new facility will be based in Cavan and create approximately 100 jobs.

A SPECIAL THANKS TO OUR PARTNERS



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