

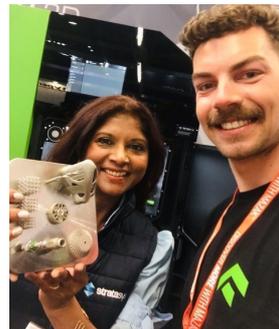


Elite Centre for Manufacturing Skills June Newsletter

The Team at the Elite Centre for Manufacturing Skills hopes that you all had a lovely time over the bank holiday and Jubilee celebrations. In this newsletter we are focussing on another of our training associates, 3D Print Academy, and highlighting some of our forthcoming training courses and events.

3D PRINT ACADEMY - ECMS Training Associate Learn to innovate

During the pandemic 3D Print Academy hosted a number of awareness raising webinars in collaboration with the ECMS, educating businesses about the recent developments in Stratasys Additive Manufacturing Technologies making specific reference to case studies/applications in manufacturing and the health care industry. Revathi Timms, at 3D Print Academy, who co-ordinated these events, said that the feedback received from SMEs was encouraging and a number of the questions fielded were related to the use of materials such as carbon fibre/composite and metal 3D printing technology.



(Pictured right - Revathi Timms)

3D Print Academy is planning to host a live event during the autumn at the National Foundry Training Centre, Tipton, for those who have expressed an interest in metal printing.

The event will have a specific focus on the One Click Metal Printer "an end to end solution with good software integration which means that an engineer can envision a product designed in FUSION 360 CAD software and prepare this part for printing in metal". This live event will compare the additive process to traditional methods of manufacturing.

Further information will follow in future newsletters or can be obtained from ECMS Business Development Manager, Trevor Codner, on 07973695590.



Albert Anderson, Foundry Apprentice Tutor, gives his view on the National Foundry Training Centre, Tipton

We asked one of the Apprentice tutor's Albert Anderson, what he thought of the ECMS National Foundry Training Centre at Tipton.

Albert explained "the National Foundry Training Centre offers me as a tutor, excellent facilities, helping me deliver the level 3 Metal Casting, Foundry and Pattern Making Technician qualification.

The Centre has an IT suite offering the students good computer hardware with the latest Microsoft Office and Magma software loaded.

The pattern shop, foundry and sand laboratory are well equipped and give the students a safe space to learn and develop the knowledge, skills and behaviours specified in the apprenticeship standard. The facility is well supported by the ECMS Foundry Technician/Tutor, Colin Whorton, who ensures resources are prepared in readiness for lessons. In summary, the Centre is a place the industry should be proud of and should support in order to ensure the development of the next generation of foundry men and

women".

Patternmakers Market Report

David Parry, From Wellmeadow Consulting (pictured right) has recently compiled a report about the UK Patternmakers Market on behalf of Central Patterns Ltd who have kindly agreed that we can share findings via our Newsletter.



You can read the full article via the button below.

[Read here](#)



Practical Skills-Based Courses Available

The ECMS is able to offer a wide range of skills-based courses. A list of what is available can be found by clicking the button below. Alternatively, for further information please contact Trevor Codner, ECMS Business Development Manager on 07973695590.

[Find out more](#)

Business Growth Workshop, Thursday 28th July, 2- 4.30pm ECMS, Springfield Campus

Shane Stark from Business Doctors, will be repeating his popular Business Growth Workshop on 28th July.

Shane's fully funded live Business Growth event and support session offers practical advice to drive your business forward. Regardless of where you are at right now, whether you are coping with a surge in demand or the opposite - trying to make sense of the number of opportunities available to you - or questioning the long-term viability of your current model, the Business Growth Roadmap Workshop and Toolkit will benefit business owners by plotting an easy-to-understand roadmap.

[Book your place here](#)

Women in Manufacturing: Challenging the Stereotype, Friday, 17th June 10am-2pm, University of Wolverhampton, School of Architecture Building, Springfield Campus

Are you a woman working in or have worked in the manufacturing industry? The University of Wolverhampton Business School is organising a Women in Manufacturing event at Springfield Campus on the 17th June.

This event will offer a forum for women working in the industry to share their experiences and explore how this discussion can be moved forward.

[Book your place here](#)



M&C
Educational Training
Services Ltd

Solidification: Its Effect on Phase Formation & Metallography

July 5 @ 10:00 am - 12:00 pm (on-line)

[Button](#)



Imagine Training

Excel Level 3 Gurus

July 19 @ 12:30 pm -
July 20 @ 12:30 pm (on-line)

[Button](#)



An Audience with Professor John Campbell OBE FREng CEng - The latest thinking in casting

June 15 @ 10:00 am - 3:00 pm

[Button](#)

...and finally.....did you know?

Bismuth melts at 271 degrees, aluminium at 660 degrees and steel at 1440 degrees? All of these metals and more are cast at the ECMS, National Foundry Training Centre.



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