CREAT3D

ADDITIVE MANUFACTURING SOLUTIONS PROVIDER

BECOMING A MASTER OF ADDITIVE MANUFACTURING IN EDUCATION

> WHY ENGAGE WITH ADDITIVE?

As a leading university with a reputation for excellence and innovation in both teaching and research, continually advancing to achieve student success and strong links with business are core to your ethos.

Investing in leading Additive Manufacturing technologies attracts and achieves student excellence, developing invaluable skillsets aligned to industry

CREAT3D offers a fully supported, value-based Additive programme, delivering advanced, affordable and accessible 3D printers, alongside installation, maintenance and technical support, ongoing student and lecturer learning and development with insight from Industry.

Using Additive enables you to prepare the next generation of engineers, setting students up for success in Industry.

Accelerate Innovation	Engineering Excellence	Sustainable Practices
Design better products, faster	Multi-discipline engineering solving global issues	Reduce costs and waste & improve processes

Drive Enterprise	Flourish Creativity	Accessible Diversity
Create new markets & unlock localised digital manufacturing	Think differently without traditional constraints	Neutralise age, gender or ability differences

> INDUSTRY VIEWPOINT

Additive Manufacturing is omni-present in Industry. To innovate, Industry requires new talent that is already skilled and experienced in using Additive.

"With the way Additive is accelerating across Vestas globally, it would really benefit us having graduates with Additive skills, not only to drive strategy but to have Additive in mind when designing."

Paul Harrop, Quality Measurement Manager
Blade Launch & Execution Center
Vestas Wind Systems

INDUSTRY	WHY INDUSTRY INTEGRATES ADDITIVE	HOW MANY TOP COMPANIES USE MARKFORGED 3D PRNTERS?
AEROSPACE	Transforming aircraft development and sustainability	10 of the top 10
AUTOMOTIVE	Developing next generation, electric and autonomous vehicles	12 of the top 14
SPACE EXPLORATION	Advancing exploration faster and more efficiently	NASA, SpaceX, Blue Origin, International Space Station
DEFENCE	Unlocking next generation defence capabilities	British Army, US Armed Forces
MEDICAL DEVICE	Accelerating medical treatments	9 of the top 10
ROBOTICS	Advancing digital factories	All the "Big 4" Robot Manufacturers

Data source: Based on adoption of Markforged Composite / Metal Additive Solutions worldwide.

> STUDENT VIEWPOINT

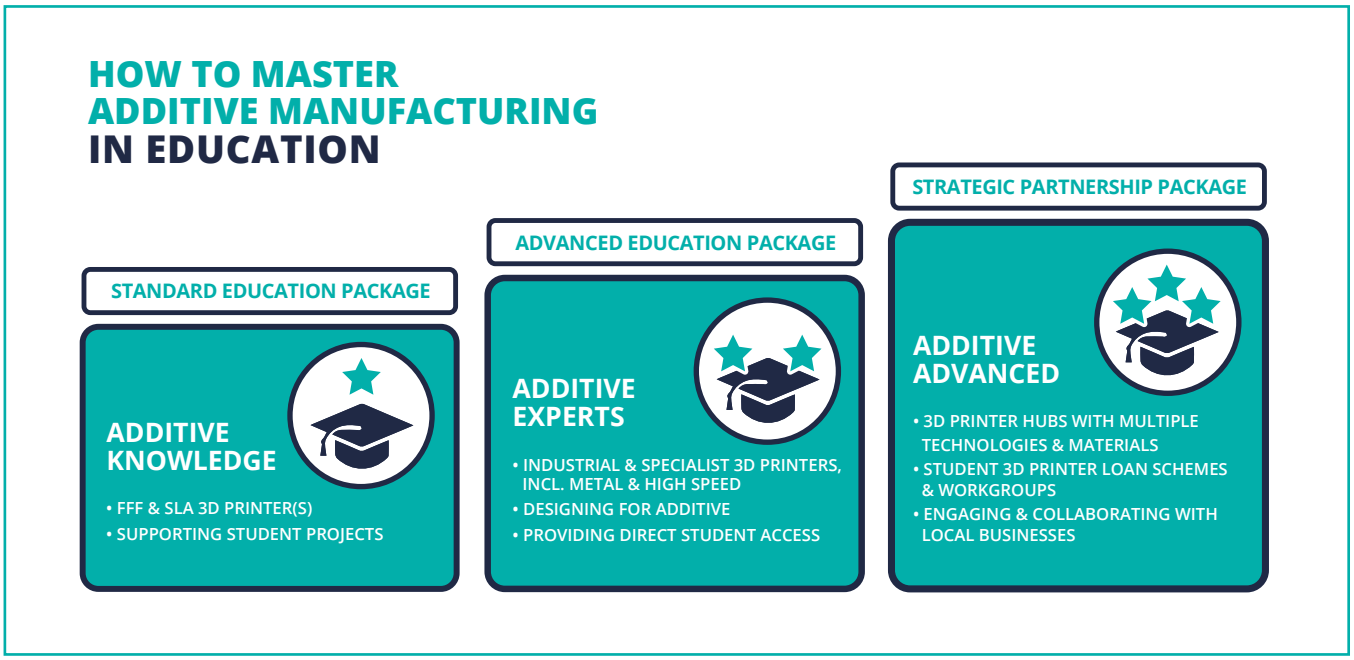
Students are looking for their higher education to prepare them for their careers, further their learning and enhance their skillset.

"3D printing has enabled us to be risk takers, with more and better designs, but at lower risk. Without our Additive equipment, designers would have to be certain of their designs before machining, including allowing for the long lead times for production, so the team philosophy would have to shift to more avoiding risk, which would naturally remove our competitive advantage and speed of advancement."

Bassel Ghazali, Business Manager, Team Bath Racing Electric Team
Student team project during undergraduate studies at the Faculty of Engineering and Design, University of Bath

> HOW TO ADVANCE WITH ADDITIVE?

You may already have adopted Additive Manufacturing to some degree, but whether you have none, a single printer, or a farm of 3D printers, the focus is continuous advancement and increased access to Additive.



CREAT3D offers a range of value based packages for all levels of Additive adoption. Invest in robust technologies using advanced software platforms in composite and metal (non-powder based) 3D printers from Markforged and ultrafast production 3D printers from Nexa3D to elevate your University's capabilities.

Take your next step with Additive, through a tailored fact-finding meeting (virtual or face-to-face) with a CREAT3D Additive Expert.

Already ready to invest? Ask us about our special Education Additive Packages.

CREAT3D Ltd
Additive Manufacturing Solutions Provider

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