

Engineer in High-Performance Manufacturing

Code: 21/56

Company: Ultima Forma

Location: Tongham, Farnham, Surrey

Company Description: Electroforming specialist

Project Description:

Research into metal/composite interface, development of manufacturing processes and manufacture of high-pressure vessel liners for space propulsion systems. Supporting the development of in-house manufacturing processes for quality certifications.

Applicant Specification:

Student or recent graduate with a practical understanding of manufacturing with a range of materials and an ability to work with minimal supervision. Interest in researching high-performance materials and manufacturing processes for space applications.

Minimum Requirements:

- Student or recent graduate in manufacturing, engineering or materials science
- Fluent in English (verbal and written)
- Capable of working autonomously, with minimal supervision
- Not afraid of “hands-on” work
- Good attention to detail
- Capable of working in a factory and common knowledge of PPE

Preferred Additional Requirements:

- Knowledge/Experience in additive manufacturing (e.g. 3D printing)
- Knowledge of established manufacturing processes
- Experience in working under quality management guidelines
- Basic understanding of chemistry

Further details:

8 weeks minimum fixed term contract to be agreed with successful candidate, but nominally with a start date at the end of June/early July. Completion before the 24th September, before the start of the next academic year. Salary is £1,500 per calendar month gross.

Closing Date for Applications: 5pm Friday 4 June 2021

Applications should be made through the online form on the Satellite Applications Catapult website before the closing date.

<https://sa.catapult.org.uk/work-with-us/space-placements-industry-spin/>

Please note that elements of the form left incomplete will be deemed to render the application ineligible. They will be checked for eligibility and forwarded to the employer. Email applications made to the Satellite Applications Catapult, UK Space Agency, or host organisations will not be processed.