

# | TECHNOLOGY & ENGINEERING

FEBRUARY 2021

# APPRENTICESHIPS

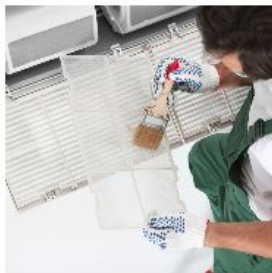


# TECHNOLOGY AND ENGINEERING APPRENTICESHIPS |

**What apprenticeships are there that relate to Design Technology and Engineering?**

- Design and Technology links superbly well with Art & Design, as there are many crossovers in industry. Often to be a Designer, whether that be Product, Furniture, Graphics or Fashion/Textiles you will need to have creative flair and be able to communicate your ideas
- Design and Technology also has crossovers with the Performing Arts, considering design for TV, Film and Theatre such as set design, staging, prop construction and costume, or even visual effects and sound/music production.
- Many D&T students also consider careers in architecture, carpentry, building construction, animation as well as engineering.
- There are many strands of Engineering, such as civil, chemical, geotechnical, electrical, computer, mechanical, marine, aerospace and aeronautical
- Engineering has great links with STEM subjects (Science, Technology, Engineering & Mathematics), as well as Geography and Art & Design,

Let's find out more...



# 01 DT & ENGINEERING INDUSTRIES

ARCHITECTURE

GRAPHIC DESIGN

FASHION

FILM & TV

COMPUTER GAMES

CARPENTER

ENGINEER

SOFTWARE DEVELOPER

INVENTOR

BLACKSMITH

TAYLOR

BOATMAKER

# ENGINEERING IN THE REAL WORLD |



**1.74 jobs**  
supported by every  
person employed  
in engineering  
(a multiplier effect of 2.74)



**Engineering**  
**generated 23%**  
(£1.23 trillion) of the  
UK's total turnover

Engineering plays a vital role in the UK's economic and societal wellbeing, providing quality employment on a large scale and some of the key solutions to major global challenges. In the face of technological advancements and a changing political and economic landscape, developing the pipeline to address the skills needs of the engineering sector remains a key challenge.



**61%** of businesses  
were not  
confident there will be enough  
people with the skills to fill their  
high-skilled job vacancies

## 02. EMPLOYERS

There are lots of employers offering apprenticeships that link to Design & Technology and Engineering. Some of the biggest names you might recognise are:



# ENGINEERING APPRENTICESHIPS |

Dan , 22, Rolls Royce

"I would definitely recommend you going down the apprenticeship route, it's just a fantastic opportunity to get involved with the business early on and it's more than likely going to result in you getting a job with that business".



# 03 PROVIDERS

THE  
DYSON  
INSTITUTE



There are a variety  
of training  
providers who offer  
apprenticeships in  
the Technology and  
Engineering  
Industries for  
school leavers as  
well as university  
graduates...



# MORE INFORMATION

Do you have any questions?  
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