

# Apprentice Case Study



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LEVEL 3 FITTER ENGINEERING  
APPRENTICE AT MBDA



**“ MY APPRENTICESHIP HAS TAUGHT ME SKILLS I CAN USE OUTSIDE OF MY WORKPLACE. ”**

Before applying to Alliance Learning, I was working at McDonalds training up to be a Manager. This was only a temporary role in between leaving Sixth Form and getting an Apprenticeship. I wanted to undertake an Apprenticeship as I believe this would give me the academic side of learning, whilst also allowing me to apply my knowledge and skills to my current job role.

There are also other benefits to undertaking an Apprenticeship, such as getting paid to take my course, rather than going into debt and it almost guarantees me a job after I've completed my qualification.

I currently work for MBDA which is a European Multinational Developer and Manufacturer of missiles. It was formed as a joint venture by a merger of the guided missile divisions of EADS, Finmeccanica, and BAE Systems in December 2001.

Since becoming an Apprentice, I have learnt metal work, electrical wiring (domestic), mechanical maintenance, CAD, hydraulics, pneumatics, interpretation of engineer drawings, creating engineer drawings and health and safety for all of these subjects. These subjects include a variety of other skills such as: tool handling, diagnostic testing, resistant materials, etc.

The apprenticeship has benefitted me personally because it has taught me skills I can use outside of my workplace. I have used my electrical wiring knowledge to replace light fittings and light switches in my house.

In the future, I would like to work in an electrical or 3D printing department as I love these subjects and seem to be quite good at them. In terms of position in a department, I would like to go as high as I could in a department without sacrificing the physical part of my engineering job, as I enjoy this side of my job, where I have to create or repair systems. Without that side, I think the work would become unfulfilling for me. As an option later in my career, I would like to move onto teaching engineering.

Overall, I am really enjoying my time at Alliance Learning. The tutors are a credit to the training centre, as they possess lots of knowledge and experience on the subjects they teach, while also being very patient and engaging with the class. They show genuine interest in the growth and development of the students, while still treating them like adults.