


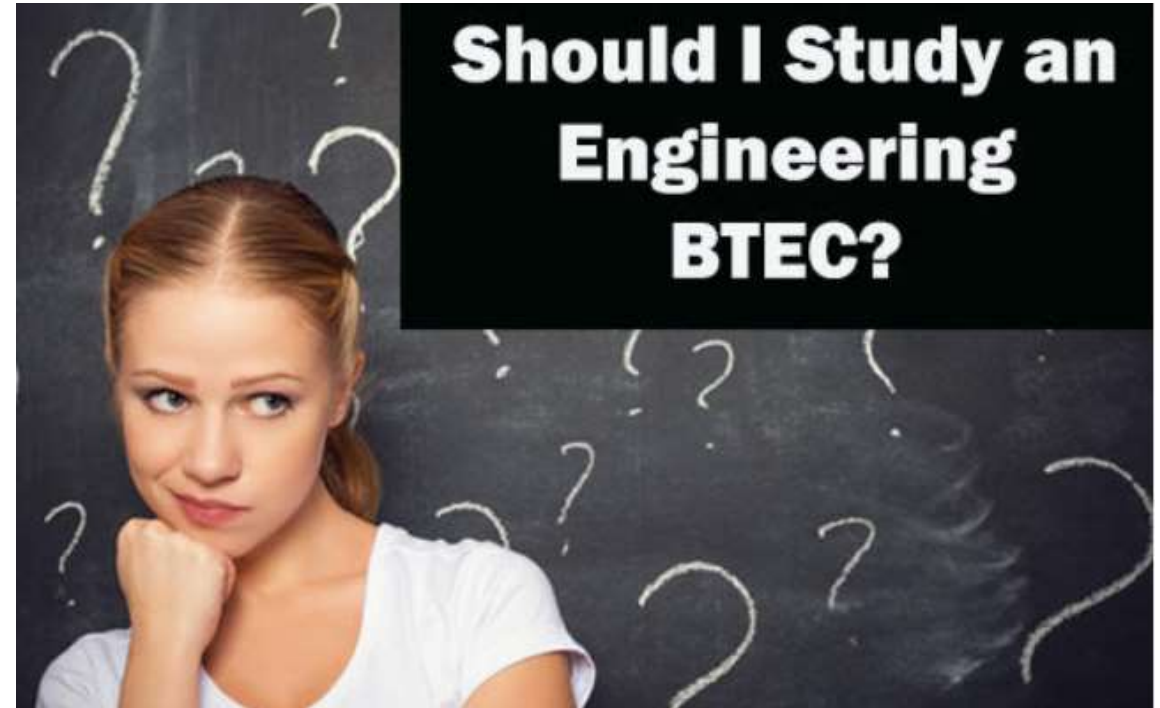
ENGINEER
YOUR
FUTURE



BTEC WORKS FOR ENGINEERING

Ever wanted to combine science and maths with creative design ideas to solve real-world problems? Then a BTEC in Engineering could be the course for you. 

BTECs in Engineering are all about combining creative ideas with practical applications. From the aerospace and automotive industries to housing and healthcare, a BTEC in Engineering is the ideal choice for people with a creative flair and a pragmatic mind.

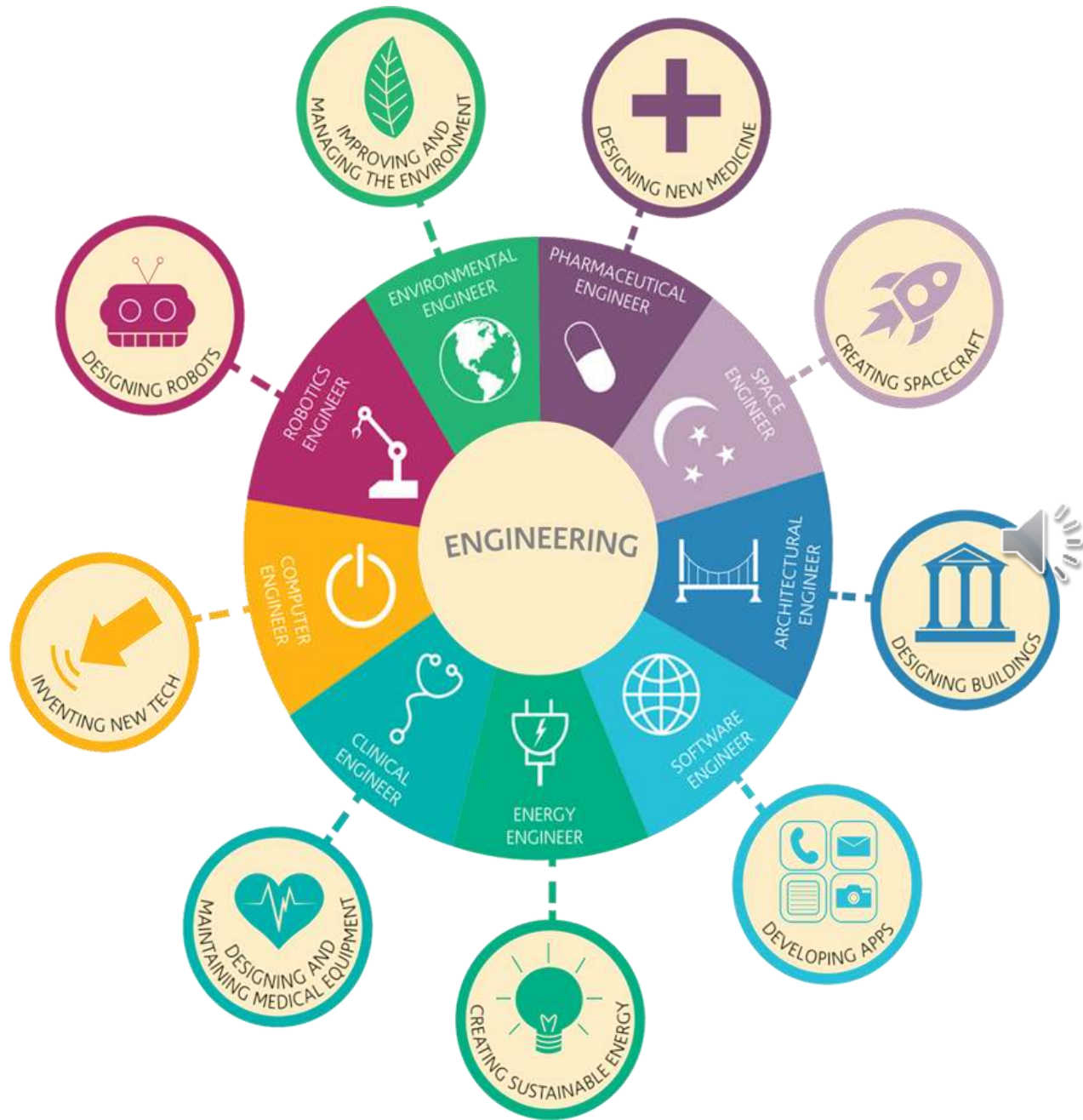


Did you know?

19% of the UK's total workforce is employed in the engineering sector.

**Engineering UK 2018 Synopsis and recommendations*





Careers in Engineering

Engineering

Fire & Safety	Postgraduate Conversion
Product Design Patents	Green Energy
ICT Telecoms	Processing Manufacturing
Research Teaching	Innovation Entrepreneurship
Marketing Technical Sales	Utilities Electronics
Electrical Power Generation	Furniture Manufacturing Technology Education
Agriculture Environmental Natural Resources	Chemical Industrial Mechanical
Appraisers Assessors Budget Analysts Accountants	QS Civil Construction Building Services

BTEC WORKS FOR ENGINEERING

What kind of career can I go into?

Whether you want to head for the stars, drill deep into the earth – or help build and improve the world around us, there's a job in Engineering for you, such as:

- Rail track maintenance worker
- Gas network engineer
- Welder
- Mechatronics Technician
- Manufacturing Engineer
- Chemical plant process operator

The top 5 skills employers look for that you'll learn on a BTEC Engineering course:



Creativity



Problem Solving



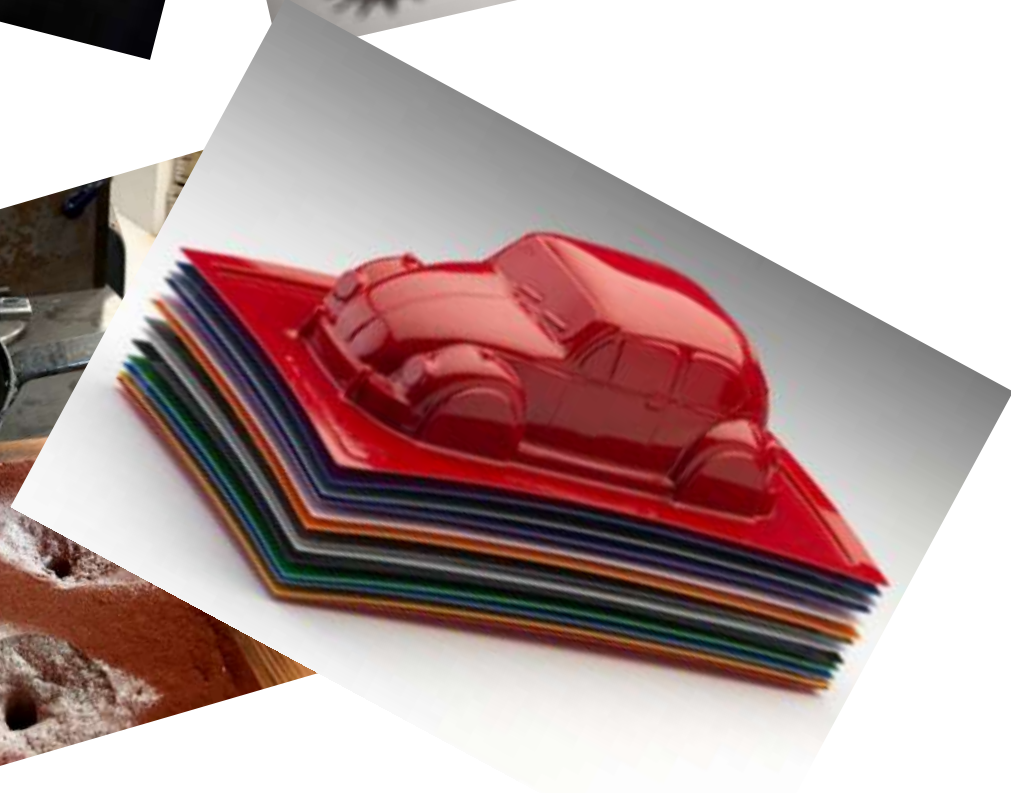
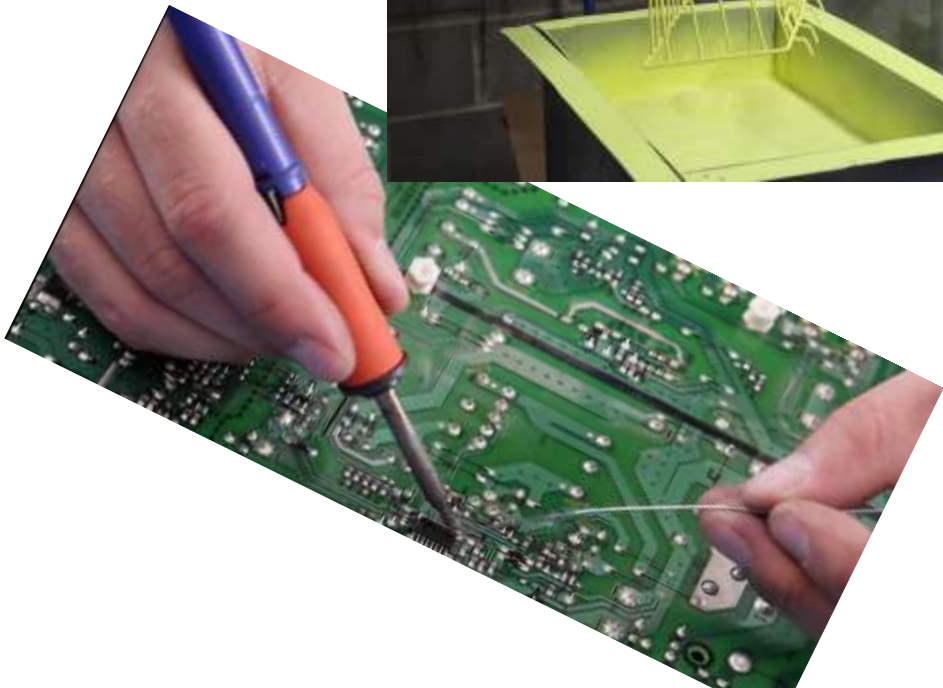
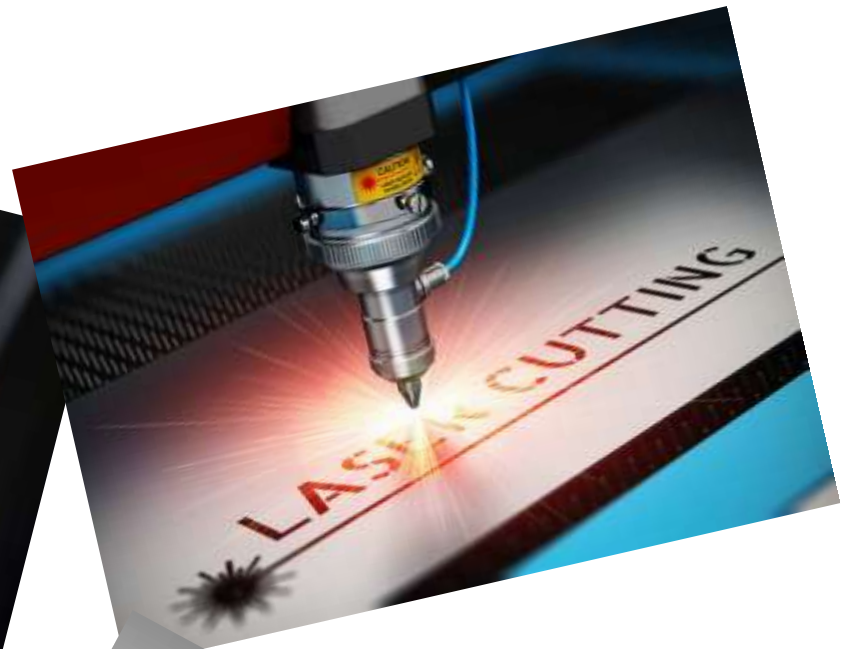
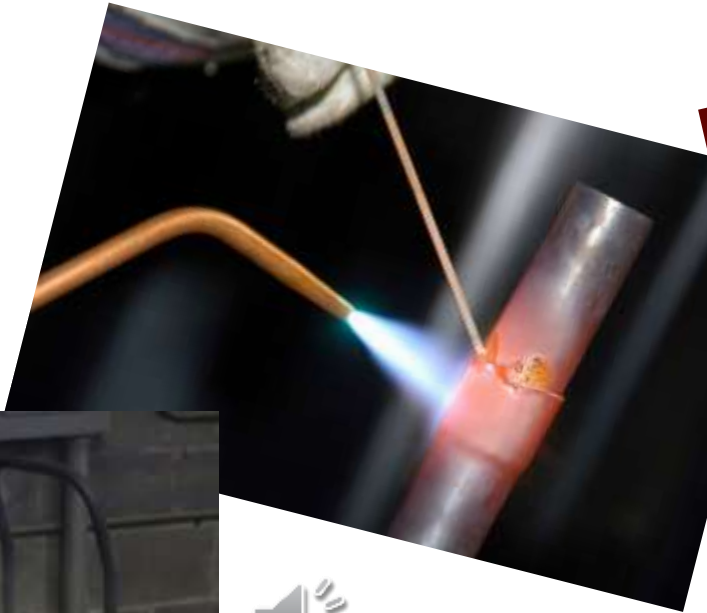
Communication



Researching



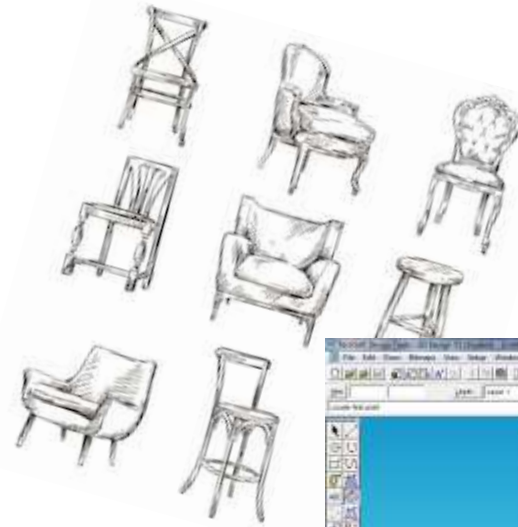
Adaptability



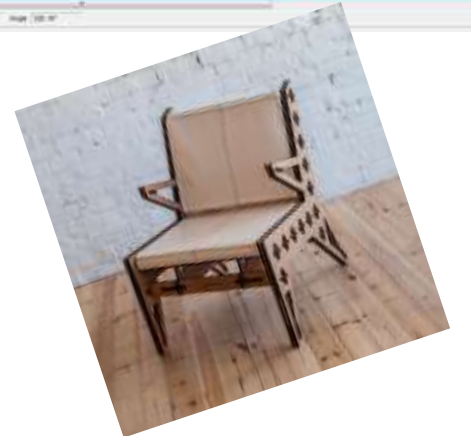
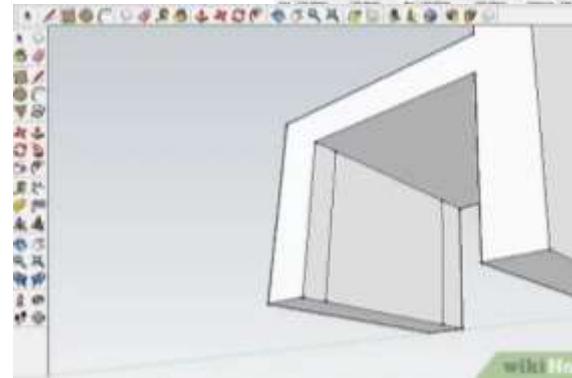
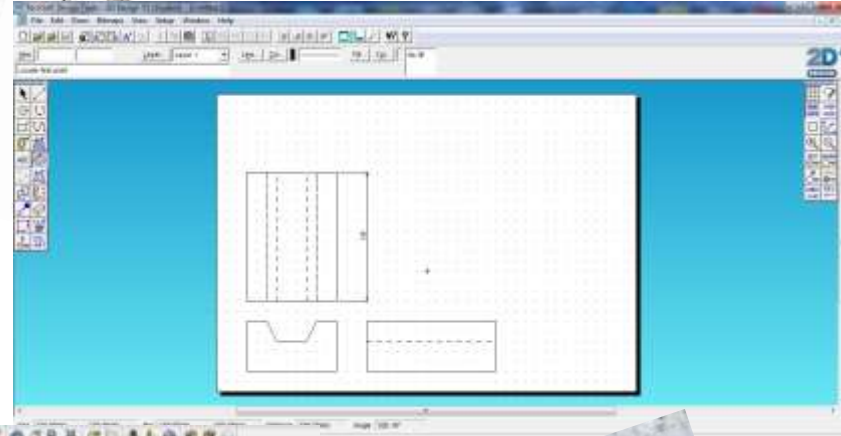
The BTEC course at a glance

Component 1

Exploring Engineering Sectors and Design Applications



Solving complex design problems



The BTEC course at a glance

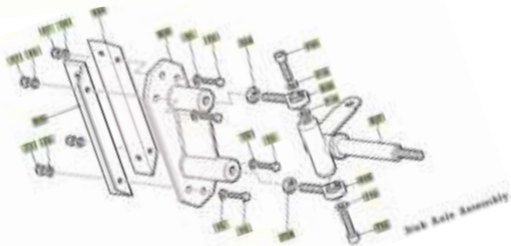
Component 2

Investigating an Engineering Project



Assembling and disassembling
Engineered products

Replicating Engineered
components

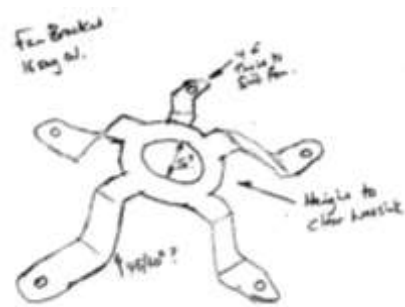
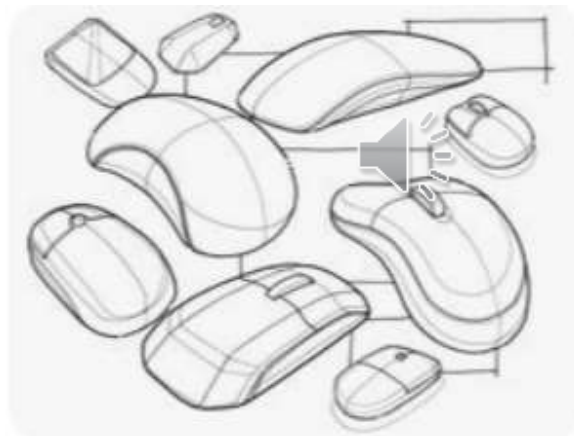
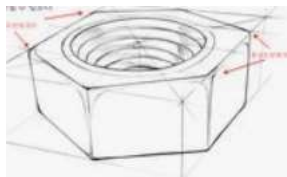
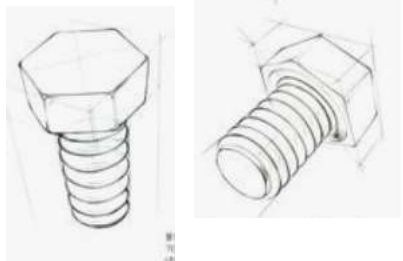


Investigating materials,
components and
processes



The BTEC course at a glance

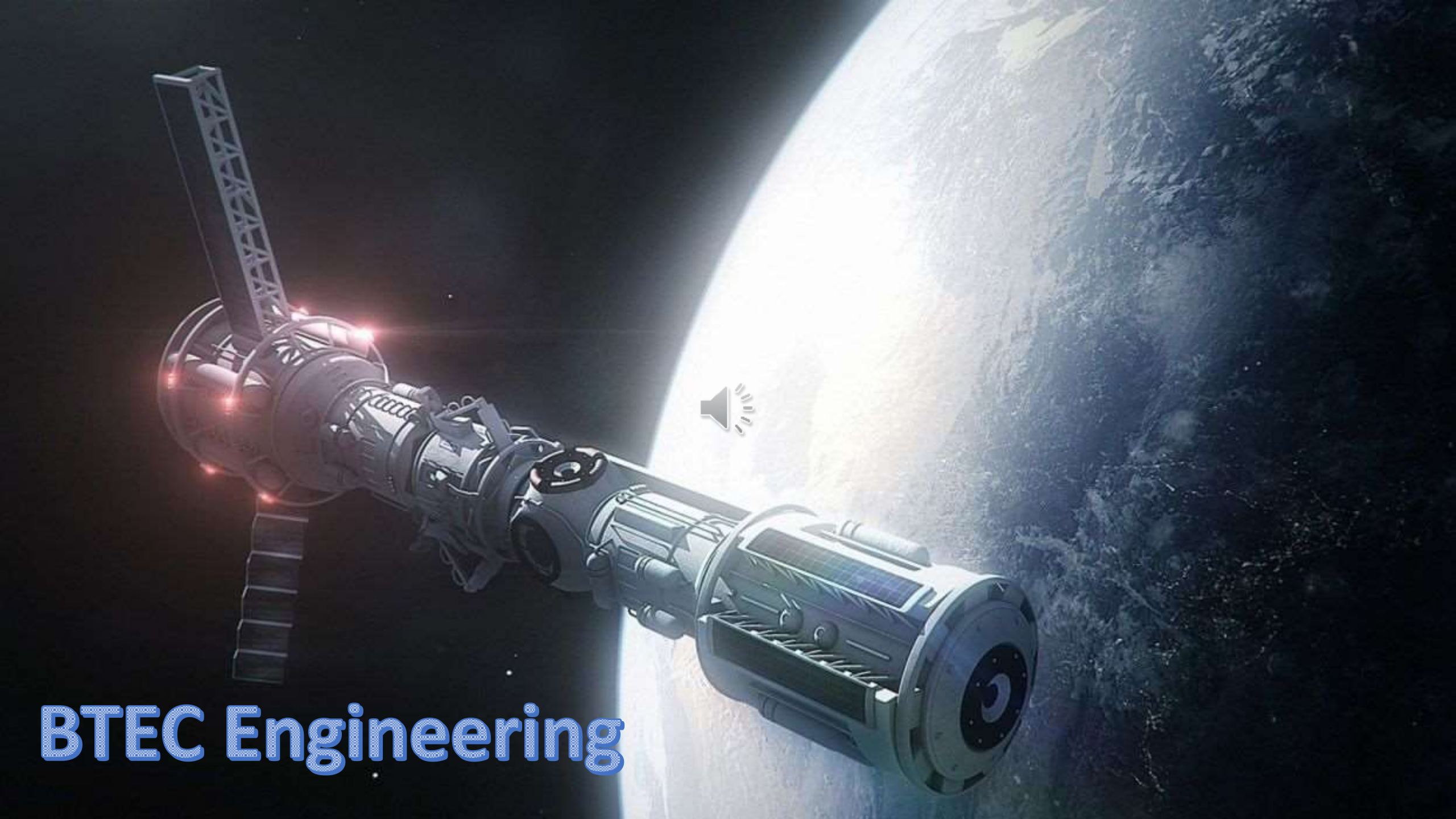
Component 3 Responding to an Engineering Brief



Practical Investigations



Identifying manufacturing problems



BTEC Engineering