Beginners Guide to becoming a Healthcare Engineer

5 reasons to be one!

1 Make a Difference

2 Be Creative, Practical & Forward Thinking

3 Be Well Respected

4 Earn Good Money

5 Be in Demand

Healthcare Engineering is a multi-disciplinary specialty that focuses on advancing healthcare through engineering approaches.

This can involve planning and designing hospitals, maintaining and managing medical equipment, ensuring the fire alarms and escape routes work.

CEng Chartered Engineer

IEng Incorporated Engineer

EngTech Engineering Technician

What do I need to be a Healthcare Engineer?

Qualifications & when to start:

AGE 14
GCSE: A minimum of 3 GCSE's including English, Maths and Science, particularly Physics.

AGE 16
A Level: 2 or 3 A levels including Maths and Physics.
T-Level: T-Levels, introduced in September 2020, can be taken in 'building services engineering'.
Apprenticeship: You can complete an Engineering apprenticeship.

AGE 18
University: Foundation degree in an engineering based course, bachelor's degree or masters degree.

AGE 18
Apprenticeship: A higher apprenticeship,(level 4 and 5) or degree apprenticeship (level 6 and 7) will allow you to learn on the job at a university level.

Who you'll become

You can become professionally registered as an Engineering Technician **(EngTech)**, Incorporated Engineer **(IEng)** or Chartered Engineer **(CEng)**, with letters after your name, which are recognised all over the world.

What sort of person are you?

How to spot if you're a future engineer?

Are you...

Good at practical work?

Organised?

interested in continuing to learn?

willing to work in all areas of a hospital or health centre?

willing to work at heights or in confined spaces?

interested in knowing how things work?

good at problem-solving?

able to work responsibly without supervision?

very health and safety conscious?

What to do next...

Find out where you could fit in to the Healthcare Crew
thebigbangfair.co.uk/whose-crew-are-you/healthcrew/

Choose a university:
ucas.com, unistats.com, university.which.co.uk
tomorrowsengineers.org.uk/university

Seek an apprenticeship:
tomorrowsengineers.org.uk/apprenticeships
getingofar.gov.uk, notgoingtouni.co.uk

For more information on what an engineer can do in Healthcare, have a look on this NHS website
www.healthcareers.nhs.uk and search Engineer.

This resource has been created by: iheem.org.uk

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