



Mechanical engineering services (refrigeration and air conditioning)

If you want a cool job with hot prospects, an Apprenticeship guarantees paid on-the-job training and recognised industry qualifications for successful trainees in Heating, Ventilation, Air Conditioning and Refrigeration.

As well as the Apprenticeship programme for the 16-24 age group, for the first time this year we are offering FREE Adult Apprenticeships for the over-25s.

Apprenticeships benefit both employees and employers, providing recognised qualifications which develop skills in the workplace.

Northumberland College offers an NVQ Level 2 in Mechanical Engineering Services (Refrigeration and Air Conditioning) which includes units dealing with installing non-complex refrigeration and air conditioning



systems and components, and health and safety. Key Skills at Levels 1 and 2, and 3 basic foundation training modules are also integrated in the course.

The training is delivered by a combination of college attendance, onsite assessment and blended learning.

You must have an employer to become an Apprentice.

Who is the programme for?

Apprenticeships are designed for people aged 16-24 years who are already employed. Adult Apprenticeships now offer free training to over-25s too.

Do I need any formal qualifications?

Ideally you will need GCSE Grade C or above in English, Maths and a Science. You must have an employer to become an Apprentice.

Do I need an interview?

Yes, you will need to attend an interview.

What will I study on the programme?

NVQ Level 2 in Mechanical Engineering Services (Refrigeration and Air Conditioning). This involves units dealing with:

- Installing non-complex refrigeration and air conditioning systems and components
- Health and safety
- Contribute to the improvement of the refrigeration and air conditioning work environment

Key Skills in

- Application of Number at Level 2
- Communication at Level 2
- Information Technology at Level 1

Certificates in

- Fire Fighting
- First Aid
- Site Safety

How is the programme organised?

The programme initially involves training at a Level 2 standard, which will normally take between 18 and 30 months. You will attend college, access e-learning and spend the remaining time working with an air conditioning/refrigeration firm.

How will my progress be assessed?

The NVQ qualifications are assessed by qualified staff both in college and in the workplace. This means you are observed in practical situations as well as having to collect evidence of your skills. Key Skills and other certificates are assessed through a programme of work, assignments and some external tests. You can gain some exemptions from Key Skills depending on your GCSE, AS or A Level grades.

What final qualification will I get?

- NVQ Level 2 in Mechanical Engineering Services (Refrigeration and Air Conditioning)
- Key Skills Certificates at Level 1 and 2
- Certificates in Fire Fighting, First Aid and Site Safety

Conditions of Training

All Apprentices will be employed for the term of their Apprenticeship and will work within the terms and conditions of their employer (hours of work, holiday entitlement, sickness procedure etc). The minimum wage you are entitled to on an Apprenticeship is £80 per week. However employers are encouraged to review this as you progress and gain more experience.