

What qualification will I get?

The Academy Programme at NAFC is made up of 5 units from the Scottish Vocational Qualification in Performing Engineering Operations (SCQF Level 5), plus a National Certificate in Engineering Systems (SCQF Level 6).



SVQ PEO Modules

- Complying with Statutory Regulations Safely
- Working Efficiently and Effectively
- Using and Communicating Technical Information
- Manual Arc Welding
- Producing Components Using Hand Fitting Techniques

NC Engineering Modules

- Engineering Mathematics
- Engineering IT
- Engineering Materials
- Mechanical Engineering Principles
- Electrical Principles
- Single, and 3-Phase Electrical Systems
- Engineering Systems
- Health and Safety Engineering
- Statics
- Dynamics
- Pneumatics and Hydraulics
- Plant Maintenance Practice

More info at:

www.shetland.uhi.ac.uk/schools



Summer Work Placements

Where might I be working?

You will be placed with a local engineering firm, often one with whom we have built up a relationship through the Modern Apprenticeship Programme. We have a long history of working with employers to provide apprenticeship opportunities and they will therefore be used to supporting students in the workplace.

What would my work schedule be?

Typically the work placement will be for 3 weeks during the summer holidays. Normally you will get paid after your placement has finished. Train Shetland will liaise with the employers to provide you with your work experience and a representative will come out to visit you while you are there. They will inform you of start times and what you may need to bring with you. Whilst the work schedule varies between employers and there is no set pattern, you can expect to work a full 8 hour shift for 5 days a week; although participants under the age of 16 may have reduced hours. The employer will inform you of your start and finish times and where to report.

What type of tasks might I be asked to do?

Your tasks will be consistent with what you have been learning at college and will enable you to put some of the engineering theory into practice. You may be working in the workshop, practicing your engineering skills and you may get the opportunity to work on projects alongside tradesmen. This depends upon the work your employer asks you to do. You will be supported by another engineer at all times during your placement.

How will I benefit from my work placement?

The placement will give you a valuable insight into the demands of the role of an engineer and will give you hands-on experience of what is required of you. The majority of students find the placements the most valuable part of their training as they get to apply their skills to a real-life situation and you also get the advantage of learning from other people working in engineering. It will give you the experience of a typical week working as an engineer and the types of duties you would be undertaking if you decide to follow a route into engineering, perhaps as an apprentice. Although you may be giving up some of your summer holidays, you will get paid for your time and you will have valuable experience to use on your CV. Crucially, you will have the chance to speak to employers and it is an opportunity for them to see how you perform in the workplace.