

Declared Purpose:

The following purpose is for the Level 3 Subsidiary Diploma in Land-based Technology 0075-03 (QAN no: 501/0694/6). This is a Technical Level Qualification.

This level 3 Subsidiary Diploma in Land-based Technology recognises a range of practical skills and knowledge needed to seek employment further training within the Land-based Engineering Industry.

Who is this qualification for?

It is for learners who work or want to work within the Land-based Engineering industry.

The recommended entry requirements are: A level 2 Certificate, Extended Certificate or Diploma in Land-based Technology and/or previous practical experience within a land-based engineering environment.

What does the qualification cover?

The learner will need to complete 6 or 7 units (depending on which ones are selected).

The mandatory units are:

- Service and Repair Engines and Components
- Health, Safety and Welfare in the Engineering Workplace
- Service and Repair Hydraulic Systems.

There are lots of optional units in areas of interest such as:

- Working with Land-based Diesel Fuel Injection Systems
- Work Experience
- Servicing Mechanical Power Transmission Systems
- Servicing and Repairing Suspension Systems
- Perform Thermal Joining Processes
- 4wd Vehicle Maintenance, Operation and Recovery
- Working with Land-based Vehicle Engine Technology
- Servicing Mechanical Power Transmission Systems
- Inspect and Test Land-based Machinery and Equipment
- Land-based Vehicle Chassis Systems
- Land-based Workshop Practice
- Working with Ground-care Equipment.

The period of work experience, if selected, will allow you to gain first hand experience of working for an agricultural engineering maintenance company or other related engineering business.

For all units you will study both the practical and the knowledge on why you need to do and know certain things.

You will get the chance to study different areas that really interest you through the wide range of optional units available.

This qualification is typically delivered over one year at College.

You may wish to take extra units and progress to a 90-Credit Diploma, Diploma or Extended Diploma. You may alternatively want to take the Subsidiary Diploma alongside other Level 3 qualifications, such as A Levels.

What opportunities are there for employment or progression after I have finished studying this qualification?

The qualification allows you to progress into **employment**.

You might work as a:

- Grounds Maintenance Mechanic
- Assistant Agricultural Machinery Engineer
- Assistant Engineering Workshop Manager
- Assistant Design Engineer
- Technical Advisor/Consultant
- Tractor Operator
- Assistant MOT Tester
- Engineering Welder.

This qualification is supported by The British Agricultural and Garden Machinery Association (BAGMA) - the dealer trade organisation for agricultural, garden and ground care machinery dealers.

You may wish to enter an **Advanced Apprenticeship in Land-based Engineering Operations**, which allows you to combine working for an engineering company, or a similar job, and typically attending one day a week at college or with a training provider.

You might want to go on to **Higher Education**. This qualification carries 40 to 140 UCAS points (depending on the grade achieved).

See the following link <http://www.ucas.com/how-it-all-works/explore-your-options/entry-requirements/tariff-tables>

Further information can be found on our website and within the qualification handbook:

<http://www.cityandguilds.com/Courses-and-Qualifications/land-based-services/landbased-engineering/0075-centrebased-landbased-service-engineering/level-3>