

Declared Purpose:

The following purpose is for the Level 3 Extended Diploma in Land-based Technology 0075-03 (QAN no: 501/0682/X). This is a Technical Level Qualification.

This level 3 Extended Diploma in Land-based Technology is a qualification aimed at providing you with a range of practical skills and knowledge. This will help you to seek employment or progression into 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.

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

What does the qualification cover?

The learner will need to complete about 19 units (depending on which ones are selected) to successfully gain this qualification.

The units that everyone is required to take are:

- Service and Repair Engines and Components
- Servicing Mechanical Power Transmission Systems
- Health, Safety and Welfare in the Engineering Workplace
- Repair Hydraulic Systems
- Land-based Vehicle Chassis Systems
- Working with Land-based Vehicle Engine Technology
- Inspect and Test Land-based Machinery and Equipment
- Land-based Workshop Practice
- Work Experience

There are 33 optional units that you can choose from which allow you to pick areas of interest such as:

- Working with Land-based Diesel Fuel Injection Systems
- Servicing and Repairing Suspension Systems
- Perform Thermal Joining Processes
- 4WD Vehicle Maintenance, Operation and Recovery

The period of work experience 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 of why you need to do and know certain things.

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

This qualification is typically delivered full-time as a two year course at College.

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 progress into 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 progress onto 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 120 to 420 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>