

Declared Purpose:

The following purpose is for the Level 3 90-Credit Diploma in Land-based Technology 0075-03 (QAN no: 600/5945/X). This is a Technical Level Qualification.

This level 3 90-Credit 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 progress 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.

The recommended entry requirements for the qualification 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 successfully complete about 10 units (depending on which ones are selected) to gain this qualification. This is typically a one year full-time course.

The units that everyone is required to take are:

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

There are optional units which allow you to pick areas of interest, such as:

- 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

The work experience unit will allow you to gain first hand experience of working for an agricultural engineering maintenance company or a related engineering business.

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

The learner may want to take approximately 3 further units to achieve a Diploma, or 9 to achieve an Extended Diploma, over another year.

The learner may alternatively want to take the 90-Credit Diploma alongside other Level 3 qualifications, such as A Levels, over a two year period.

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 the following roles:

- 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) and is 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 60 to 210 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>