

Statement of Purpose

501/0299/0 – Pearson BTEC Level 3 Diploma in Land-based Technology (QCF)

The land-based sector is diverse and fragmented comprising 16 industries which are grouped around the three broad areas of land management and production, animal health and welfare and environmental industries. At 14% the food sector is the largest in the UK economy, and 60% of food eaten in the UK is produced in the UK.

Around 1.1m people and 500,000 volunteers work in the UK land-based sector, making 3% of the UK's workforce. Over 90% of the 230000 businesses in the sector employ fewer than 10 people and many are self-employed.

Growth in the land-based sectors is central to government policy. Caroline Spelman MP, Secretary of State for the Environment, Food and Rural Affairs stated in June 2010; *'Farming and food contributes approximately £86 billion to our economy. The [land-based sector is] an absolutely indispensable part of the green economy we are putting at the heart of our economic recovery'*.

To meet the challenges of sector businesses need to be more highly equipped and skilled with the latest technologies and knowledge. Agriculture and land-based technologies are in the process of significant change with the introduction of new regulations around sustainable working practices.

The Pearson BTEC Level 3 Diploma (720 GLH) in Land-based Technology is part of a larger suite of land-based qualifications, in a range of sizes, which share the common purpose of helping people to become occupationally ready to take up employment in the land-based sector at the appropriate level. This can follow either directly after achieving the qualification, or via the stepping stone of Higher Education (HE) in university or college. By studying a BTEC National, learners develop knowledge, understanding and skills required by the sector, including essential employability skills, and apply them in real work contexts. Learners can operate at a standard that can reasonably be expected of an 18 year old in full-time education.

Within this suite, the Pearson BTEC Level 3 Diploma (720 GLH) is primarily a Technical Level qualification, equivalent in size to two A levels, which has been designed to occupy two-thirds of a full-time curriculum, enabling learners to develop a significant common core of knowledge, based on an understanding of health, safety and welfare in the land-based engineering workplace, as well as an understanding of how land-based vehicles work and the ability to service and repair them. Learners are also provided extensive opportunity to study in more depth a range of option areas of their choice, including units covering the application of maths and science in land-based engineering, on servicing and repair of a range of land-based machinery, and business planning and improvement in the land-based sector.

The Diploma allows time in the curriculum to study other qualifications alongside it, for example A levels in Sciences, Maths or Business Studies, a level 3 vocational course in Business or Applied Science, or Functional Skills in Maths and English; or to undertake work experience/placement. The Pearson BTEC Diploma in Land-based Technology can be studied part time by learners in schools, colleges and other training provider organisations. Its size makes it appropriate as the core component of a Technical Baccalaureate programme, allowing time in the curriculum for the study and completion of the other mandatory components.

As the qualification was designed in close collaboration with industry, it is fully supported by the Sector Skills Council (SSC) for the sector LANTRA. A range of professional organisations/employers in the sector has also confirmed their support for this Pearson BTEC Level 3 Diploma in Land-based Technology. This means it is a highly respected route for those who wish to move into employment in the sector, either directly or following further study.

A significant proportion of recruitment in this sector is at graduate level.

The Pearson BTEC Level 3 Diploma in Land-based Technology also provides a well-established route into a variety of specialist Higher Education (HE) courses in this sector and beyond when taken alongside other qualifications appropriate for the desired course of study. UCAS has reviewed the qualification to assess its value for access to higher education, and has allocated UCAS points. See details published on the Pearson website here:

<http://www.edexcel.com/i-am-a/student/results/Pages/BTEC-equivalence.aspx>

In addition, a number of universities have individually confirmed that this Pearson BTEC Level 3 Diploma in Land-based Technology fulfils their entry requirements when achieved alongside other qualifications.