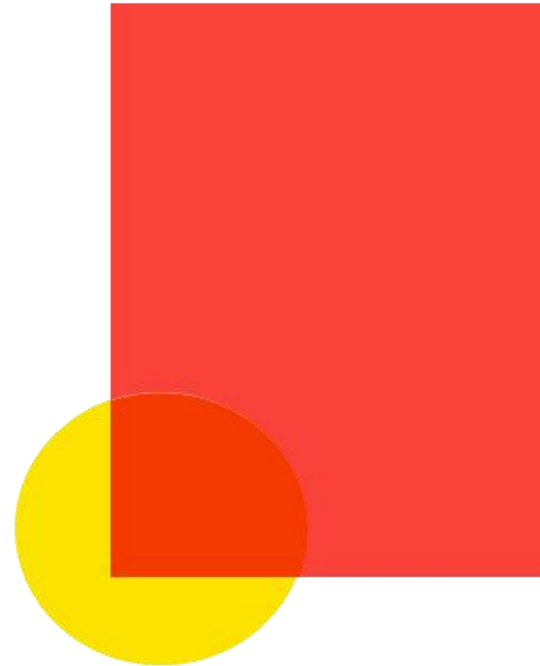




A City & Guilds Group Business

Land-Based for the MoJ

August Newsletters 2019



All About Land-based for the Ministry of Justice August Newsletter Issue 01

Welcome to our very first prison focused newsletter for the land-based Sector. Here we plan to share any CPD events, qualification specific updates and resources. As well as sharing good practice and highlight the excellent work you are all doing to support offender learners and their return to employment upon release.

A newsletter from City & Guilds on professional and technical education available for prison delivery.

This newsletter focuses on:

- Link to the City & Guilds prison catalogue
- What is land-based
- Different sector areas within land-based
- Linking land-based to hospitality and catering
- Introduction to NPTC short courses
- A few land-based statistics
- Who we are in land-based
- Appendix 1 – The list of City & Guilds/NPTC land-based qualifications deliverable in the Prison environment

This newsletter links to the City & Guilds document - Believe brochure 'Skills that fulfil potential' <https://www.cityandguilds.com/what-we-offer/prisons>

So, what is land-based? – generally speaking it's all about the ground we grow crops in, it's about producing food for an ever growing UK population and also the animals we see as pets, in zoo's, horses and farm animals that can be reared for food and other uses. These industries may not be for everyone, as some industries can have very long hours and staff need to be prepared to get their hands dirty, especially in industries such as agriculture and game keeping. Working with plants and animals can be very rewarding and well paid. They can also provide exciting progression opportunities and the chance to develop high skills and knowledge. Land-based today generally



have a significant skills and labour shortage, there is work out there. So what is stopping offenders achieving a qualification?

Our qualifications start at entry level for those learners with limited English and maths skills. Learners can commence their studies on our **4807 - Entry Level Certificate in Skills for Working Life (Entry 3) – Land based (Land and plants) and (Land and Animals)** progressing through to Level 1, Level 2 (GCSE equivalent) and Level 3 (A level equivalent) programmes of study. Much of the work, especially at the lower levels of study has a practical hands on approach therefore Dyslexia and other learning needs are not a barrier to study land-based qualifications, Studies have shown that those learners undertaking vocational programmes that are of interest to them, often achieve better results in English and maths. What offenders can do now is to start the ball rolling and begin to immerse themselves in the sector so that on release they have an understanding of what is involved and then continue their education to a higher level to give themselves more employment and progression opportunities.

The different vocational areas within the land-based industries portfolio of qualifications;

Agriculture – this is a massive area and involves looking after a wide range of farmed animals, cattle – for milk and beef, sheep – for meat and wool, pigs – meat, poultry for eggs and meat and other less common species – deer, llama, ostrich to name a few. What all these animals need



obviously is food, this is where the cropping comes in, grass – the most widely grown crop in the UK, cereals – barley, wheat and oats, oilseed crops, root crops – potatoes, carrots etc. Lots of these crops are not just for animal consumption, many are also for human

diets, if we look at what we ate yesterday, much of it was probably grown in the United Kingdom on farms.

Very much linked to agriculture is **Land-based engineering** which is the care, repair and maintenance of all the machinery used on farms and in forestry. These range from fixed equipment, non-powered machines that are used to help in undertaking a wide range of tasks, onto simple 2 stroke engines driving hand held machines up to the largest tractors and harvesters some of which are valued at over £500,000, requiring highly skilled and motivated operatives.



One of the real catchphrases today, is the **Countryside and environment** and how we try to manage it, possibly improve it by repairing some of the damage our generation and previous generations have done, which was often done to produce cheap food. Climate change and global warming is becoming a significant issue, and this might well impact on what farmers and growers can produce in the future in the UK with ever changing weather patterns. City & Guilds have a range of countryside programmes available to give learners an understanding of some of the issues that are affecting us today, and how that might impact in the future for the world population and not just UK farmers.

Gamekeeping also comes under the countryside sector. The role of the game keeper is primarily involved with creating habitats and as a result providing a better natural environment for wild birds and animals, both game and non-game species. It's also about controlling pests and vermin that can cause a wide range of damage and that can also carry serious diseases. Many keepers also rear a range of game species for release, and help assisting in the management of country estates.

Courses that might be of interest are the **Level 1 0361-12,13,14 Land-based Studies** which is available at Award (12), Certificate (13) or Diploma (14), where there are a number of different routes, including Agriculture and Environment, Animal Care, Floristry, Horse Care and Horticulture. Additionally, there are many small sized NPTC Certificates of Competence some of which are Licence to Practice required by industry and appropriate for delivery and assessment through approved centres – some are within prisons.

The **Animal Management and care** industry covers a range of different animal species in a variety of situations, ranging from the study of companion animals – pets, cats, dogs, birds etc, to the pet shop industry, learning about zoo and other exotic animals from all over the world. There



is also a focus on native wildlife and UK farmed animal species.



City & Guilds also offer a range of short courses suitable for study, including four **0146 qualifications. Level 2 Certificates of Technical Competence** in Dog Walking, Pet Sitting, Animal Health, Husbandry

and Handling and a **Level 3 Certificate of Technical Competence** in Animal Nutrition. Dog grooming at **Level 2 7763-02** may also be an option that is available for some with an interest in dogs.

Linked to the animal care sector is the **0448-02 Veterinary Care Assistant** which may be an option for some offenders on release, especially if they have studied a basic programme linked to the care of animals.

Equine courses focus on the horse and its care, from the smallest family pony, working horses, through to competition horses – race horses, showjumpers and eventers. The **0361 Land-based studies** would be a good starting



point in which to start an

understanding of the equine industry. There are a range of courses that are also linked to the equine industry – for example, **Forgework 8485**, which is useful for anyone wishing to become a blacksmith or farrier.



Horticulture in the prisons has probably the largest take up of all the qualifications. Horticulture has several strands, one, the market garden, which is about the production of food or other plants either to eat or sell. Some growers produce plants



for gardens or in the home for decorative use. Other growers grow vegetables on a field scale, this is very dependant on soil types in certain areas of the country. Another area of horticulture is hard landscaping and garden design. There is significant demand for good staff to create hard landscaped areas not only in the home garden, but for new house building sites, hotels, shopping centres, city

centre areas etc. Most areas that 'look nice' have been created mostly using a mix of hard landscaping techniques and a knowledge of plant types and how they go together to create a visually appealing scheme.



City & Guilds offer **7573 – 01/02 Practical Horticultural Skills** qualification at both Level 1 and Level 2.

Depending on learner requirements and time available, these qualifications can be studied at Award, Certificate and Diploma. In order to achieve these qualifications

learners will require about 60 hours of study for the award, 180 hours for the certificate and 360 hours of study for the diploma. The **0361 – 12,13,14 Land-based studies** can also be used for horticultural learning. City & Guilds NPTC also offer Certificates of Competence. Many employers who advertise job roles now specify that applicants must hold certain qualifications e.g. Pesticide Application, Forklift Truck, Chainsaw. Two other short (12-18 hours study each) courses that might be appropriate for study within the prison environment are,

- **0145 - Level 2 Certificate of Technical Competence in Pruning**
- **0145 - Level 2 Certificate of Technical Competence in Problematic Plants, Pests, Weeds and Diseases.**

Linking land-based learning with hospitality and catering,

Within the prison environment, several institutions have an area where food can be grown, or where part of the regime in the prison is to grow food these can include plants (vegetables and fruit) or animals and animal products (cattle, pigs, sheep, chicken, milk, eggs) either in poly tunnels, or in an outside area with a view to supplying other prisons. Where this is the case there is the opportunity for what is sometimes called the Field to Plate initiative, i.e. let's eat some of what we grow and sell the remainder. This links well into the agenda for reducing food miles and eating locally grown produce

As some institutions are already offering the following Hospitality and Catering qualifications;

Level 1 (7131-03) NVQ Certificate in Food Preparation and Cooking

Level 2 (7132-06) NVQ Diploma in Food Production and Cooking

This should give inmates an opportunity to better understand the entire food production and preparation industries so that on release they are more employable and understand better where food comes from and how it is prepared in the kitchen.

Chris Coveney – Land specialist at the Ministry of Justice states,

The prison service has a long history of growing its own food and supplying it into prison kitchens. This came to a head in the late 2000 when the prison service was self-sufficient in milk, pork, eggs and salad crops. Unfortunately a decision was taken to close many of the larger farming units and buy in from outside.

The remaining farms and horticultural units have continued to produce food for the kitchens and this has been recognised as the way forward with the therapeutic benefits of horticulture and the increase in the awareness of food miles and traceability being seen as important issues.

Training and helping offenders prepare for outside employment has always been seen as a key part of the work done by Farms and Gardens, with a wide range of qualifications being offered to offenders. City & Guilds NVQ's and NPTC Certificate of Competence have been delivered at establishments for many years either as a City & Guilds centre or working in conjunction with the education providers.

These qualifications are seen as the best way to get offenders back into employment on release or at the very least to allow prisoners to re-engage in formal education after many years of not taking part.

Chris Coveney 2nd June 2019

Floristry – is about designing and creating floral displays from buttonholes through to very large displays that might be seen in a hotel or at a conference. The limit is the learners imagination and what is available to use. The qualification probably best suited for use within prisons is again the **0361 – 12,13,14 Land-based studies** as described previously, as this could link into a horticultural qualification and perhaps within the institution grow some of the display materials. On release inmates may

wish to progress their learning to a higher level and obtain employment as a florist, where there are full time educational routes available as well as apprenticeships.

Forestry and Arboriculture – is all about trees and their specific or intended use, Foresters grow trees, manage them and their habitat and when they are mature, harvest them so that they can be used in a variety of industries from furniture making, producing fencing materials, paper and fire wood.



Arborists are tree surgeons who look after amenity trees, removing branches and making trees safe for the general public. As with all the land industries a good start would be the **0361 – 12,13,14 Land-based studies** this would need to be topped up with several of the City & Guilds NPTC Certificates of Competence e.g. chainsaw courses which may be available for some inmates. As with other industries in the land-based sector, there are serious skills and labour shortages within the forest and arboriculture industry.



City & Guilds NPTC Certificates of Competence, these are specialist courses of study that are assessed mainly through observation and a certificate awarded for successful candidates proving to employers that individuals are safe and competent. Obtaining these qualifications often leads to making those with the qualifications more employable than those people who don't. For some tasks there is a legal requirement for the person undertaking certain roles to hold the qualification, otherwise they and the employer could be prosecuted.

What is the City & Guilds NPTC offer;

- 30+ Level 2 forestry and arboricultural qualifications
- 15+ Level 3 forestry and arboricultural qualifications
- 4 specific health and safety qualifications
- 14 livestock qualifications
- 15+ land based machinery qualifications
- 18 pesticide and pest control qualifications

Below are some **statistics** about the potential scale and opportunities within land-based

- ❖ An estimated 60,000 new entrants are required in the Land sector to replace existing workers by 2020
- ❖ Each year 41,000 learners studied agriculture, horticulture or animal care qualifications at further education level each year
- ❖ There are 15,000 higher education students who studied in agriculture or related subjects

- ❖ 46% of rural businesses aim to improve the skills level of their workforce over the next 3 years
- ❖ 48% of people working in agriculture, forestry and fishing are self-employed – highest of all sectors
- ❖ Agriculture, environment and animal care have been identified as one of 15 specialist vocational routes in the Government Skills Plan
- ❖ 72% of horticultural businesses are unable to fill skilled vacancies
- ❖ Only 40% of employees in land based industries receive training each year – the lowest of all sectors.

If you require more and specific information about a specific area identified below, this is available at the National Land Based College (NLBC) website; <https://nlbc.uk/>



In summary there are massive opportunities and significant skills shortages within the wider land-based industries for anyone who has a desire to work with either plants, animals or both. Inmates can help their own future by getting engaged with education in what is in reality a very hands on range of practical industries.

Tell us what you think

All about Land-Based is a newsletter that brings together all the key developments from City & Guilds relevant to skills learning across England, Scotland Northern Ireland and Wales for the MOJ. It contains updates on the range of qualifications we offer and other information we think you might be interested in. Each edition is numbered, so we can refer back to previous issues or tell you when information has been superseded.

If there's anything else you'd particularly like us to cover or explain more fully in future issues of *All about*, please feel free to drop us a line to the generic email address for Land land.feedback@cityandguilds.com

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For specific queries and enquiries please contact our dedicated customer support team: PDCustomerSupport@cityandguilds.com

Thank you for your continued support.

The land-based team at City & Guilds

Appendix 1

The full list of land-based courses are available here

<https://www.cityandguilds.com/what-we-offer/prisons>

We appreciate that many of the courses listed will not be available within prisons, however they are available to those on Release on Temporary Licence – RoTL

The list of land-based courses currently offered within the prison environment is;

Programme number	Course title
7573 – 11	Level 1 in Practical Horticulture Skills
7573 – 02	Level 2 in Practical Horticulture Skills
0361 – 12	Level 1 Award in Land Based studies
0361 – 13	Level 1 Certificate in Land Based studies
0361 – 14	Level 1 Diploma in Land Based studies
0065 – 11	Level 1 Award, Certificate or Diploma in Work-based Horticulture
0065 – 72	Level 2 Certificate in Work-based Horticulture
0065 – 73	Level 2 Diploma in Work-based Horticulture
0078 – 02	Level 2 Certificate or Diploma in Horticulture
0078 – 03	Level 3 Certificate or Diploma in Horticulture
0066 - 73	Level 2 Diploma in Work-based Agriculture (Crop, Livestock, Poultry or Mixed Farming)
0074 – 02	Level 2 Certificate or Diploma in Animal Care
0067 – 11	Level 1 Award Certificate or Diploma in Work-based Animal Care
0351 – 02	Level 2 Award, Certificate or Diploma in Floristry
0351 – 03	Level 3 Award, Certificate or Diploma in Floristry

Additionally some prisons have assessment facilities for the City & Guilds NPTC Certificates of Competence and Licence to Practice qualifications.

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