

DISCOVER CAFRE

Further Education
Prospectus 2018

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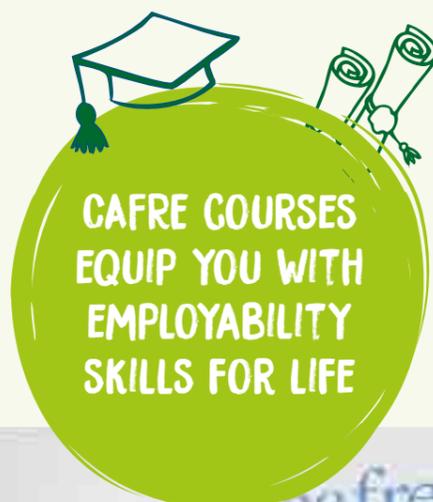


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Reach your potential in your chosen career



Welcome



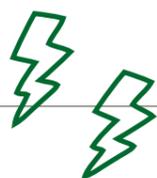
Studying a course that will lead you to job success is what every student wants. Our courses will develop your skills and knowledge in the agri-food and land based industries to help you reach your potential in your chosen career.

The courses within this prospectus are suited to those leaving school, after Year 12, with GCSE qualifications or for people already working within the agri-food and land based sectors who want to attain a formal qualification.

In 2016, 98%

of our students who completed their course were in employment, on a gap year or progressed onto further education within six months. Studying with us will equip you with employability skills for life!





Why choose CAFRE?

Great job prospects

Students of all ages study at CAFRE because they're interested in getting a good job at the end of their course. Our results speak for themselves – in 2016 over 98% of our students were in employment, on a gap year or had progressed onto further education.

Practice makes perfect

If you're a hands-on type of person who doesn't want to be stuck behind a desk all day, then CAFRE courses and the careers they lead to, are perfect for you. Relevant practical experience in modern specialist facilities is a part of all our courses.

Industry links

CAFRE has excellent links with businesses and organisations, many of which employ our graduates. They show their support by providing work placements, guest lecturers and real-life course projects.

Specialist facilities

You'll go far to find better facilities to study for courses in agriculture, land-based engineering, horticulture, floristry, food, veterinary nursing or equine studies than those at CAFRE. With ongoing investment, we keep our facilities up-to-date to benefit not just our full-time students but also people from industry, who continue their professional development through our short courses.

Financial support

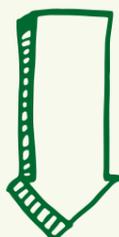
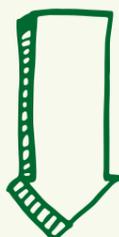
The full-time Further Education courses in this prospectus are funded by the Department of Agriculture, Environment and Rural Affairs and most students are eligible for that funding. Our accommodation and living costs are low and, if you are a Northern Ireland resident, you can apply for a means-tested living expenses grant.

Small and special

You are treated as an individual at CAFRE. Staff are friendly and approachable and make sure that you are supported both personally and academically to achieve your potential.

Opportunities to progress onto higher courses

On completion of a Level 2 course you may be able to progress onto a Level 3 course. Having completed that course successfully, you could consider a Foundation Degree or Honours Degree. It's possible to progress to the next level if you get good grades in the course you have just completed.



Investing in your future



One of the great things about CAFRE is that each of our three campuses delivers a specific range of courses and has the specialist facilities to match. We've invested in our buildings, equipment and resources so you can get the most out of your time with us. Get ahead of the competition with the practical skills you learn on our courses.



Food fantastic

We're very proud of our Food Technology Centre at Loughry Campus, the largest facility of its kind in the island of Ireland. It's designed to show best practice in food manufacturing across all the main food product sectors, such as fruit and vegetables, meat, dairy and bakery. Our Food Innovation Centre incorporates product development, commercial kitchens and sensory assessment facilities together with modern teaching rooms - everything you'll need on your food course. Food packaging supports a multi-million pound industry, which you might want to work in. We've a Packaging Centre at Loughry Campus which is used by industry personnel and by our students, of course.



All things equine

At Enniskillen Campus you'll find indoor and outdoor arenas for all aspects of equitation. In the racing yard we give students invaluable experience in handling and riding racehorses. Students make use of the gallops, which include a strenuous uphill section and the schooling track, where they experience the thrill of riding a racehorse over fences at speed. While working in the breeding unit students handle and manage the thoroughbred and sport horse brood mares and their young stock. They participate in the foaling rota, which can be either a quiet night or a very full-on experience. Students have the opportunity to prepare and take the weanlings to the sales. The equitation



unit has a range of horses to meet the students' needs. The equitation club attends working hunter competitions, cross country schooling events and Balmoral. Some of the student year groups organise in-house competitions and demonstrations.



Greenmount Campus is the centre of all things green – that's agricultural and horticultural. The 200 hectares around the campus are used for arable, dairying and lowland beef and sheep farming. Our Dairy Centre accommodates 180 cows and has all the latest technologies including comfort housing and cow handling, waste management and parlour recording systems. Another 960 hectares of hill land carrying 1,100 ewes and 110 suckler cows, is managed in an environmentally sustainable manner to promote wildlife and protect habitats. Both farms are used by CAFRE technologists and advisers to demonstrate and promote the latest advances in agriculture and land use. We also have a constructed wetlands system, which acts in a similar manner to the bio-filtration action of natural wetlands. There we channel waste water from the farm through a series of five ponds and at the end it is of good enough quality to release into a stream. Students use this site in their environmental science work.



Green fingers

Greenmount Campus itself is set in 18 hectares of landscaped grounds, originally laid out in the 19th century. The walled garden, built in 1801, is a major horticultural attraction with its knot garden, maze and fruit garden. Sportsturf enthusiasts will appreciate the six hectares devoted to playing fields and to the Greenkeeping and Golf Academy, with its driving range and course. Staff at the Horticulture Centre work with students and industry personnel in the modern production facilities for ornamental and edible crops. These include environmentally controlled glass houses with ebb and flow floors, automatic venting, water recycling and solar panels.



Machinery and Building Centre

Our Machinery and Buildings Centre allows agriculture, land-based engineering and horticulture students to carry out all their machinery and building activity in one specialist facility. It contains three fully equipped workshops for machinery maintenance, a series of welding/construction booths and a buildings demonstration facility for estate skills, as well as teaching rooms and IT facilities.



Access all (I.T.) areas

Once you're enrolled at CAFRE you're given your password to the student intranet, an on-line learning environment. It's the place to go for accessing lecture notes and submitting assignments, completing assessments and communicating with your lecturers. There's also an on-line storage system for all your downloads and you will have access to the many computer suites located around each campus. Although we have top of the range IT facilities, you still need books so we have libraries with all the necessary specialist journals, technical reports and newspapers to help with those projects and assignments.



High-tech stuff

Many of our courses teach you the science you'll need in your career, so we have up-to-date laboratories where you can carry out biological, chemical and physical analyses on crop, livestock and food products. If you're looking for spectrophotometers and texture analysers or electrophoretic equipment, you'll know where to find them.



Hands-on experience



CAFRE courses are designed to prepare you for a job in real life - so no more sitting in a classroom all day. We combine classes with practical sessions to allow you to apply what you've learned to real situations. Assignments and case studies will teach you how to solve problems that occur in everyday work.



Getting your hands dirty

Our extensive practical facilities are widely used by all students, who really put 'learning-by-doing' into practice, and along the way gain the skills that put them ahead in the job stakes.

Equine students get involved in the business units at Enniskillen Campus; breeding, equitation and racing, making decisions with support and advice from industry representatives. You can't get better hands-on experience than spending months preparing foals for the sales and then taking them right through to the sales ring.

Students at Loughry Campus are involved in the production of food products in the Food Technology Centre. Ever wanted to design and produce a new food product that actually makes it to the supermarket shelves?

Well, food students do just that, through a New Product Development (NPD) competition sponsored by a leading food company. There's also the chance to have your say on food products in the sensory perception facilities.

Horticulture students produce and retail garden centre plants, such as poinsettias at Christmas and work on landscaping projects.

Agriculture students are involved in the day-to-day running of the dairy, beef, sheep and arable farm enterprises.

Land-based Engineering students undertake maintenance and repair of a range of farm machinery.



Industry links



The connections you make on your course can help you get a great job after (or sometimes before) graduating. In the search for a job, CAFRE students benefit from our excellent links with businesses and organisations in all the land-based and food industries.

We involve people from the world of work in everything that we do, from the industry experts who sit on our College Advisory Group to the specialists who advise students on the management of enterprises or projects. This means that our course content is current and relevant to industry because we seek their feedback and take their opinions on board.

Work placements

There's no better way to boost your CV than through an impressive work placement. Some of our students make such a good impression on placement that they get offered a job before finishing their course.

On work placement you'll find out what it's really like to work in your chosen industry. It will help you develop your interpersonal and communication skills and improve your organisational abilities.

We encourage you to spend your work placement in a number of places so that you get the chance to sample several jobs. You can go abroad or stay closer to home if you wish.

Many businesses contact us looking for our good quality placement students. We can help you get your placement organised or you can use your own contacts.

HELPING YOU
TOWARDS YOUR
FUTURE



Look to the future



We'll help you prepare for your future after graduation in a number of ways; you'll get training on how to write an eye-catching CV, assistance in interview preparation and practice at mock interviews. Some of this training starts in the first year of your course to help you obtain a good work placement.

In the final year of your course you'll get a chance to meet potential employers at a careers fair, organised every spring. Students can talk to employers and pick up employability and interview tips from seminar speakers. It's a great opportunity to find out what employers are looking for and what will help you stand out from the crowd.

Companies are aware of the high calibre of CAFRE graduates and keep us informed when they are advertising vacancies. We have a jobs section on our website, www.cafre.ac.uk, which lists the jobs available in our specialist subject areas right across Northern Ireland and further afield. It provides a useful resource, for both past and present students, as you can access the site even after graduation.



Having fun

Our three campuses are set in tranquil rural surroundings, with rolling countryside, birds singing and the occasional bleating of sheep. Sounds idyllic doesn't it, but what do the students get up to when classes are over?



From Induction Week onwards you'll make new friends and quickly start to socialise both on and off campus. All of our campuses are near local towns and you'll soon hear of trips organised for fun further afield.

The Students' Council

Representatives from each class are elected to the Students' Representative Council (SRC) at each campus. Each SRC organises a lively programme of social events throughout the year, including bowling and karting, and supports local charities through fundraising events. The highlight of the year is the Student Formal, held by each campus, when students dress up and let their hair down at the same time.

The clubs for sports and other activities vary from campus to campus, depending on the interests

of the students. Students at Enniskillen Campus make use of the equine facilities which includes three yards – equitation, racing and breeding. There are a number of clubs and members attend a range of competitions, races and sales. Livery is available for a limited number of student horses. Students with their own horses can access the horse walker, hacking track, indoor and outdoor arenas after hours.

Both Greenmount and Loughry Campuses have sports pitches. Greenmount also features a four hole golf course and practice range as part of the Greenkeeping and Golf Academy. Loughry students have access to a recreation centre on site incorporating a gym and sports hall in addition to the facilities available at the Mid Ulster Sports Arena, located on the edge of the campus.

Accommodation

Not all students live on campus, but those who do enjoy modern, competitively-priced accommodation with an attractive range of amenities, laundry and recreational facilities. Priority for on-site accommodation is given to students under 18 years of age, students with special needs and first year students.



Accommodation costs

It would be difficult to find better value student accommodation at any other college in the UK. The cost varies depending on the type of accommodation allocated but will fall within the region of £1,410-£1,900. Remember these charges include heating and electricity.

Meals

Our modern dining rooms and snack bars offer food and drinks throughout the day. To help you budget there is an electronic prepaid card facility to pay for the food that you buy on campus.

A catering package must be taken for those living in under 18 accommodation which costs in the region of £630-£960 per year, depending on campus.

Home from home

At Greenmount Campus, 100 students aged under 18 are accommodated in Halls of Residence and over 100 rooms are available for students aged over 18 in the self-catering village blocks and small bungalows. Greenmount students can use the sports hall, multi-gym and sports and recreational facilities on campus.

Loughry Campus accommodates 95 students in single study bedrooms. Students have access to the Mid Ulster Sports Arena and the recreation centre on campus offering a range of activities.

Enniskillen Campus has accommodation for 70 students in single study bedrooms and student bungalows. Students can use the multi-gym as well as the recreation room which includes pool tables, air hockey and table tennis. In addition, they are encouraged to help develop their fitness by using the dressage and two racing simulators on site.

Accommodation Managers

Accommodation staff at each campus are always on-hand to offer advice and assistance should you need it.

Michelle McKenna
Enniskillen Campus
Tel: 028 6634 4832

Brian Simpson and Barry Kelly
Greenmount Campus
Tel: 028 9442 6650
Tel: 028 9442 6911

Judith Mullan
Loughry Campus
Tel: 028 8676 8139



Money matters



There are no fees for CAFRE full-time Further Education courses. For information on costs associated with individual courses please refer to our website.



DAERA funding

CAFRE is part of the Department of Agriculture, Environment and Rural Affairs (DAERA) and most students enrolled on Further Education courses at CAFRE are eligible for funding by DAERA. However if you have previously undertaken a publicly funded Further Education course in the United Kingdom you will not normally be eligible for funding for a CAFRE course at the same or lower level.

What financial support is available?

If you are a Northern Ireland resident you can apply for a means tested living expenses grant. The amount of grant depends on whether you live at your parental home or away from home.

DAERA's financial support is administered by the Further Education Awards Section of the Education Authority. A DAERA

booklet called "Further Education Financial Support for Students" explains the details of this financial support and you can obtain a copy from CAFRE's Admissions Office or the Education Authority. You can also download this information from www.daera-ni.gov.uk or www.eani.org.uk/feapplication

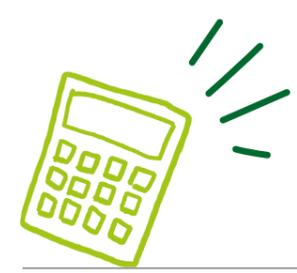
Additional support

There are other grants and allowances available to help you with the cost of undertaking your course if you have a disability or dependants. Information on all these grants and allowances, and how and when to apply, can be found in the DAERA booklet.

For more information on financial support for full-time Further Education courses at CAFRE please contact:

Education Authority
Further Education Awards Section
1 Hospital Road
Omagh
BT79 0AW

Tel: (028) 8225 4546
Email: feawards-wr@eani.org.uk





Apprenticeships

This project is part funded through the Northern Ireland European Social Fund Programme 2014-2020 and the Department for the Economy.

What is an apprenticeship?

An apprenticeship is a work-based training programme where you are employed in your chosen vocation and earning a wage as well as attending off-the-job directed training.

CAFRE provides off-the-job training in the knowledge and skills required, usually on a day release basis, while you have the opportunity to practise and further develop these skills on the job.

Apprenticeships are open to new employees aged 16-24* and those already in employment who wish to take up a new role that requires significant training and development.

They lead to nationally recognised qualifications, which are tailored to your needs and those of your employer.

What are the benefits of enrolling on an Apprenticeship?

If you are a school leaver, apprenticeships will provide you with an attractive alternative to academic courses, where you can develop knowledge and skills in a practical environment whilst working in the industry.

If you are in employment, it will provide you with an opportunity to further develop your skills in a practical environment, whilst continuing in employment.



For the employer, apprenticeships raise the professional and technical skills of their staff. Employers are eligible for a cash incentive (£500-£750 depending on the vocational area) when their employee fully completes the apprenticeship framework.

What do Apprenticeships include?

Apprenticeships usually take up to two years to complete.

They include:

- a vocational qualification in your chosen area. These are practical, hands-on courses designed to teach you the knowledge and skills needed for work. They are competence based, assessed in the college or workplace.
- additional qualifications relevant to the sector.
- completion of Essential Skills qualifications in English and Mathematics (if you do not already have GCSE passes).
- a knowledge of employment rights and responsibilities (ERR).

Apprenticeships with CAFRE

CAFRE will be offering Apprenticeships in the following areas, subject to demand:

- Agriculture
- Equine
- Food and Drink
- Horticulture

How do I apply?

You can apply on-line at www.cafre.ac.uk

Eligibility criteria

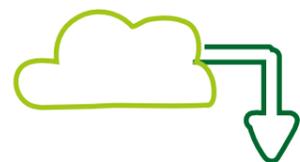
To be eligible to enrol on an apprenticeship programme you must be:

- in paid employment in Northern Ireland
- contracted to work a minimum of 21 hours per week
- 16 - 24 years old*
- or
- in paid employment or about to take up paid employment in Northern Ireland In addition, you must meet the entry requirements of your chosen vocational area. Further details of these are given on the course pages through this prospectus.

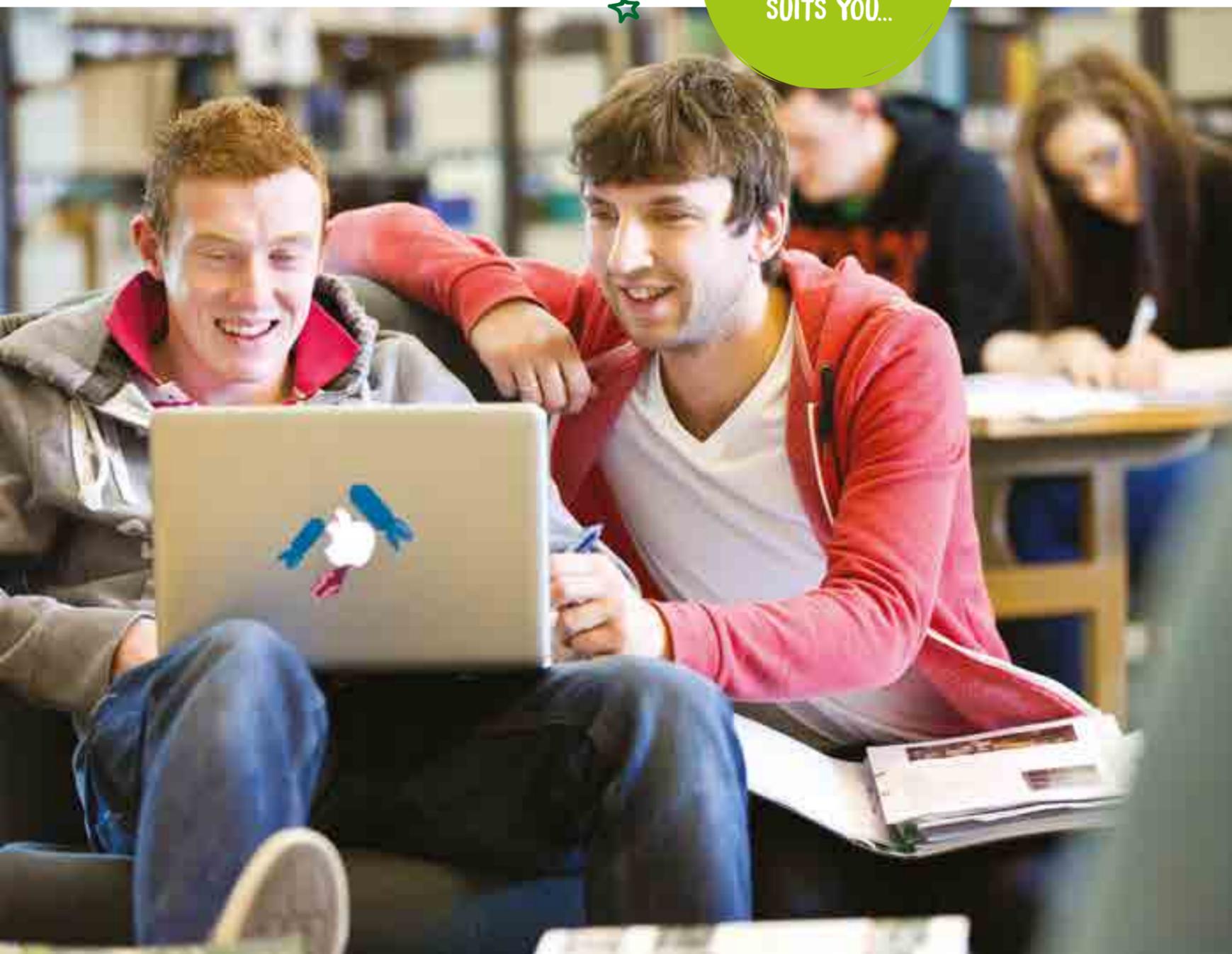
* Limited apprenticeship opportunities are available for those aged 25 and over in Economically Important Sectors.



How to apply



APPLY ONLINE
FOR A
COURSE THAT
SUITS YOU...



Applying to CAFRE

So you've decided that a CAFRE course is right for you. What next?

You can apply to CAFRE on-line for any of the courses listed in this prospectus except for the Veterinary Nursing courses. Please see details on the course pages: www.cafre.ac.uk

Applications for a course will only be accepted from 1st October of the year preceding the year in which you expect to enrol.

Students must be at least 16 years of age on or before 1st July in the year they propose to enrol on the course.

You can apply for more than one course, but you must indicate your course preferences by ranking their order on your application. We will acknowledge receipt of your application form within seven days.

What happens next?

You will be invited to attend a short careers interview at the campus of your choice. If you are successful in your application you will be made an offer of a place on a course but this may be conditional on achieving minimum examination results and/or undertaking work experience.

A letter will be sent to you within five working days of the interview.

As soon as you receive your examination results you should contact the College to check if your conditional offer can be confirmed. You can contact us for information or advice at any time during the application process. When your offer is confirmed and you inform us that you are accepting a place at CAFRE, we will send you details of accommodation, timetables and any protective clothing or equipment that you may require.

If courses are oversubscribed, minimum entry criteria may be enhanced and date of application may be considered.

**APPLICATIONS RECEIVED
AFTER 30TH JUNE 2018
WILL ONLY BE CONSIDERED
IF THERE ARE PLACES LEFT
ON THE COURSE.**



Entry requirements



Qualification	Grade	Points
GCSE	A*	6
	A	5
	B	4
	C	3
	D	2
BTEC Level 2 Diploma/ First Diploma	Distinction	20
	Merit	16
	Pass	12
Essential Skills/ Key Skills	Level 2	3
	Level 1	2



Where an applicant has completed a Level 2 qualification or equivalent after completing GCSEs, CAFRE will normally base any offers on the qualification, which attracts the higher points.

Students enrolled on a CAFRE course, who do not have a GCSE in English and Mathematics at Grade C or above, or equivalent, will have to complete Essential Skills qualifications.

Applicants who have previously completed a qualification will only be offered a place on a programme at the same level after all other applicants have been considered. Further clarification on what constitutes progression is available by emailing: enquiries@cafre.ac.uk

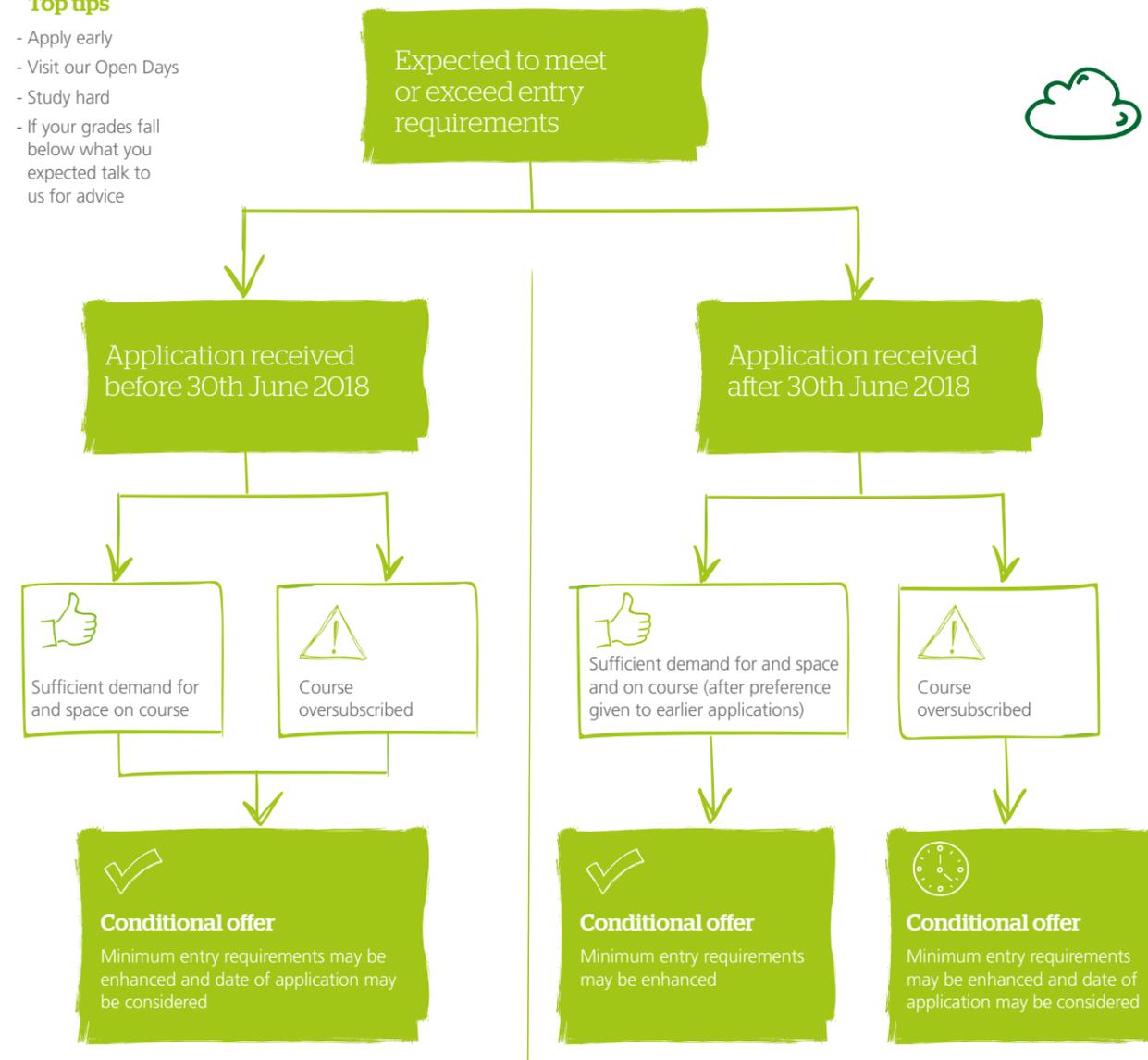
Where a course requires a Science subject as an entry requirement and Single or Double Award Science has not been studied, please email: enquiries@cafre.ac.uk for clarification on other relevant Science subjects.



Application process

Top tips

- Apply early
- Visit our Open Days
- Study hard
- If your grades fall below what you expected talk to us for advice



Results

Once you have got your required grades - contact CAFRE to confirm your place.

If your results obtained in August 2018 are below entry requirements, don't panic! Contact CAFRE admissions to discuss your best options on 0800 028 4291



Here to help



You'll find that starting college, making new friends and studying a subject of your choice is exciting, but it can also be a bit challenging. No one will admit it of course, but the other students on your course will be feeling just as nervous as you. Part of college life is about learning to look after yourself, making decisions and managing your time and money.



Don't worry, there's a range of people at CAFRE to help you any time you need support. Your **Personal Tutor** will be there to advise you on academic issues.

Our **Student Support Officer** offers one-to-one advice and guidance on personal, academic and financial matters and any other concerns you may have. In the first few days of your course you'll take part in an induction programme during which you'll find out about our full range of support services and the people who are there to help you.

Residential support team

Staff are available 24 hours a day at each campus to assist students living in accommodation.

Medical services

Residential students who wish to transfer to a local doctor, or who are living outside the practice area of their family doctor (generally 15km), may register with a local doctor of their choice. If you are unwell, the Accommodation Team will make arrangements for you to attend a doctor, or if necessary, take you to hospital.



Support for students with disabilities

If you have a disability or specific learning difficulty please let us know as early as possible so we can meet your individual requirements and provide timely support. Contact our Student Support Officer for further information.

Counselling service

As a CAFRE student you will have access to a free 24/7 independent and confidential service either by telephone or by face-to-face counselling on or off campus. The service is discreet and professional and its staff have experience in dealing with all types of issues students may face. We hope you will not need this service but it is reassuring to know that it is there.

CAFRE student support services comply with our policies on; Anti-bullying, Drugs and Alcohol, Pastoral Care, Health Promotion, Equality and Diversity, Sexual Orientation discrimination and Health and Safety. Full details of these policies and our Student Charter are available at www.cafre.ac.uk

Agriculture courses



Level 3 Advanced Technical
Extended Diploma in Agriculture



Level 2 Technical Certificate
in Agriculture



Level 3 Apprenticeship in Agriculture/
Diploma in Work-based Agriculture



Level 2 Apprenticeship in Agriculture/
Diploma in Work-based Agriculture



Multi-Skilling
Programme



*The courses within this chapter are subject to change,
please refer to our website for updated information.



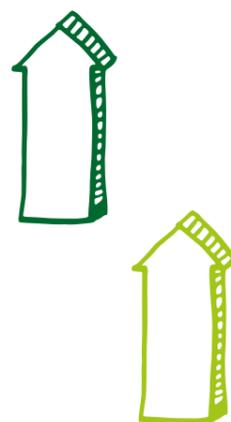
Industry insights



The agriculture sector is one of the largest employers in Northern Ireland and produces a gross output of just under £1.5 billion each year.

With the current challenges and opportunities facing the agricultural industry it is essential that those considering a career in this sector are capable of adapting to change and availing of market opportunities.

Agriculture courses at Greenmount Campus are highly practical and business focused and aim to develop students' skills to enable them to work either on the home farm or to pursue a career in the agriculture sector.



Career profile



James Scroggie

“

I grew up on a small farm outside Armagh and always knew that I would like to study for a qualification in agriculture. After completing my GCSEs I applied to CAFRE and successfully gained entry onto the Level 3 Extended Diploma in Agriculture course.

The fact that the qualification allowed me to both develop my understanding during the lectures and my practical skills whilst out on the farm was a big positive for me. In the second year of the course I completed my one year work placement on a beef and sheep farm outside Ballymena.

I found this a really enjoyable experience and although it involved plenty of hard work I gained many skills which will be useful for me as I continue my studies and later on in my career. I was delighted to receive the Hall Cup for work experience at the Awards Day Ceremony in June 2017.

I have now progressed onto Queen's University Belfast to undertake the Agricultural Technology Honours Degree programme and I am looking forward to the opportunities which this will bring.”



Agriculture career prospects

Students enter the industry at different levels depending on their qualifications and experience. Our graduates now hold many senior positions in the agricultural and land-based industries.

For more information on career choices visit www.lantra.co.uk or www.environmentjob.co.uk or our website www.cafre.ac.uk

Farmers/Practical agriculture

Some graduates return to farming either as farmers or assistants on large farms. Successful farmers need to be technically and practically competent and be able to make good business decisions in a changing environment.

Unit manager - pigs, dairy, beef or sheep

Unit managers will focus on one livestock enterprise within a farm business, managing the daily running of that unit. Work will vary depending on the livestock involved but will generally involve breeding, feeding and animal health. Unit managers may need to work closely with other section heads.

Agriculture machinery operator

There is a wide variety of work involving machinery operations, including cultivation and planting, spraying, sowing, fertilising, harvesting crops and silage, digger work and spreading slurry. Basic maintenance of machinery will also be expected.

Assistant farm manager

Carry out the day-to-day running of a farm working closely with the farm manager. Work may involve grassland management, crop and livestock husbandry depending on the farm.

Livestock technician

There are many variations of a livestock technician, but most offer specialist services to dairy, beef and sheep farms including cattle foot trimming, artificial insemination of cows and ewes, and pregnancy diagnosis through scanning.



Our agriculture facilities

Greenmount Estate Farms

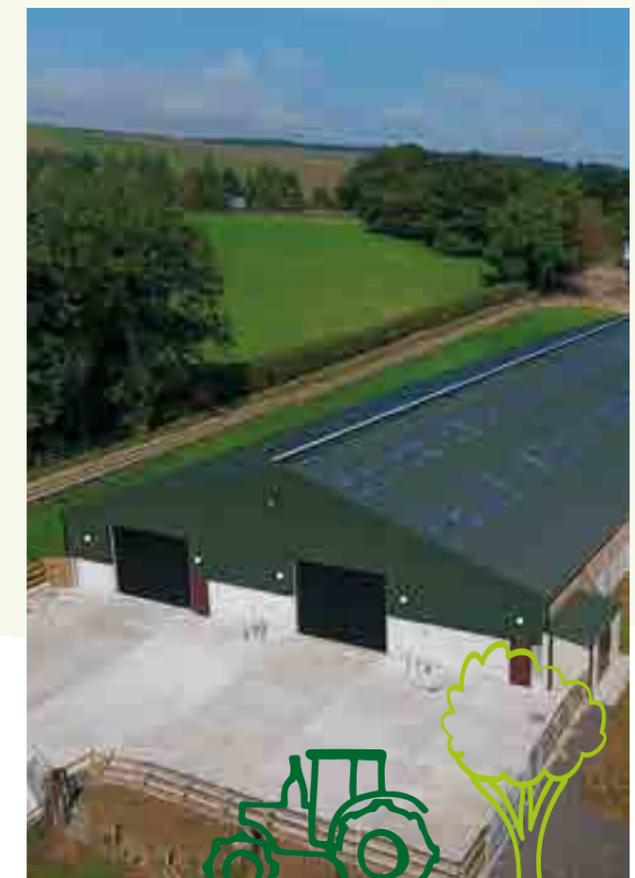
The globally recognised LEAF Marque (Linking Environment And Farming) assurance standard promotes sustainable and profitable production from environmentally responsible and sustainable farm businesses.



CAFRE is a LEAF Marque endorsed farm with three farm centres where integrated decision making and high environmental standards are used to produce premium quality food.

The three farm centres, known as the Hill Farm Centre (890 hectares), the Dairy Centre (169 hectares) and the Beef and Sheep Centre (127 hectares), provide excellent practical learning resources for students.

The Lowland Beef and Sheep Centre also provides areas for producing LEAF certified cereal and potato crops.



Level 3 in Agriculture



This City & Guilds Advanced Technical Extended Diploma in Agriculture (1080 award) is a three-year sandwich course, equivalent to three A-Levels. It is designed to provide the knowledge and skills essential for a career in the land-based sector. The course combines practical skills on the college farms, classroom theory and one year of industry work experience.

Fact file

Course duration:

Three years full-time including one year work placement in Year 2

Course location:

Greenmount Campus

Course Manager:

Irene Downey

Telephone:

028 9442 6753

Email:

irene.downey@daera-ni.gov.uk



Course content

The main areas of study are:

- Agricultural environments
- Animal health
- Beef, sheep and dairy production
- Business management
- Estate skills
- Grassland management
- Investigative project
- Land-based machinery operations
- Land-based workshop practice
- Livestock husbandry
- Principles of plant and soil science
- Work-related experience in the land-based industries

Plus four of the following optional units:

- Business planning
- Crop production
- Livestock breeding and nutrition
- Organic production
- Pollution control

During Year 2, students undertake a 52 week work placement and develop skills in commercial decision making, enterprise management and problem solving.

Entry requirements

Normally four GCSE subjects at Grade C or above, including Mathematics, English and a Science subject or equivalent qualifications are required. Applicants must also demonstrate that they have the equivalent of one year's relevant industry experience, which can be acquired prior to leaving school.

or
Level 2 Diploma in Agriculture normally at Merit level or above, or an equivalent qualification and normally Grade C in English and Mathematics or equivalent.

or
Applicants who can demonstrate significant relevant industry experience will also be considered. These applicants may be required to submit work-based evidence and undertake written assessments and/or practical competence tests as part of the assessment.

Entry requirements will be enhanced if the course is oversubscribed.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto the Foundation Degree in Agriculture and Technology or the Honours Degree in Agricultural Technology. There is a wide range of employment opportunities including supervisory posts in the feed, agrochemical and fertiliser sectors as well as herd and farm management roles.



Having been brought up on a suckler beef farm, I have always had a great interest in agriculture. After completing my GCSEs I enrolled on the Extended Diploma in Agriculture course. I found the course very enjoyable and particularly liked how the practical learning undertaken, on the campus farms, was backed up with the theory behind it in the classroom, especially grassland management.

The course has afforded me the opportunity to not only broaden my agricultural knowledge but help me develop a range of skills and gain connections which will be beneficial to me as I continue my education. I have applied to the Agricultural Technology Honours Degree run by Queen's University, Belfast in conjunction with CAFRE."



Level 2 in Agriculture

This one year full-time City and Guilds Technical Certificate in Agriculture course covers a wide range of farm enterprises. It is ideal for those who want to work on a farm. Students will learn practical crop and livestock skills both on the college farms and in the classroom. Students will also have the opportunity to undertake work experience one day per week as part of their course.

Fact file

Course duration:

One year full-time

Course location:

Greenmount Campus

Course Manager:

Irene Downey

Telephone:

028 9442 6753

Email:

irene.downey@daera-ni.gov.uk



Course content

The emphasis is on the application of skills and knowledge and over half of the course is practical. Students complete work experience one day per week for the duration of the course.

The main areas of study are:

- Environmental and land-based business
- Introduction to animal and plant husbandry
- Introduction to farm animal production
- Introduction to grass and forage crop production
- Introduction to the principles of land-based machinery
- Livestock skills
- Tractor driving
- Undertake work related experience in the land-based industries

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent qualifications, have to complete Essential Skills in Numeracy and Literacy.

Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE, including English and Mathematics or equivalent.

Entry requirements will be enhanced if the course is oversubscribed.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto the Level 3 Apprenticeship or the Advanced Technical Extended Diploma in Agriculture course. After completing this course the majority of students are normally employed in the day-to-day operations on the farm.



“Coming from a suckler cow and beef finishing farm outside Downpatrick, the one year course was ideal for me as I learnt more about the agriculture sector and different enterprises. I particularly enjoyed the practical skills sessions covering a range of livestock and other areas at the College farm. The work experience aspect of the course was also valuable and allowed me to put theory into practice. I hope to progress onto the Level 3 course at Greenmount.”



Level 3 Apprenticeship in Agriculture/Diploma in Work-based Agriculture

This Apprenticeship and/or City & Guilds Diploma provides education and training to Level 3 and gives applicants the flexibility to combine work and education. The course reinforces production and management skills in a chosen livestock enterprise.



Fact file

Course duration:

Approximately two years

Course location:

Based in the workplace with 'off-the-job' training and assessment at Greenmount Campus and Enniskillen Campus

Course Manager:

Lorna Christie

Telephone:

028 9442 6918

Email:

lorna.christie@daera-ni.gov.uk



Course content

Students study one of the following livestock enterprises:
 - Beef and sheep production
 - Milk production
 and cover nutrition, grassland management, housing, records, animal health, selecting stock and, if applicable, milking. There is also the opportunity to achieve additional awards.

Entry requirements

Level 2 Diploma in Work-based Agriculture and normally a Grade C in English and Mathematics or equivalent.
 or
 Level 2 Apprenticeship or Diploma in Agriculture or equivalent qualification and normally a Grade C in English and Mathematics or equivalent.

Those eligible for the Apprenticeship Scheme will be required to undertake the programmes as an Apprentice.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto the Foundation Degree in Agriculture and Technology. On completion of the course, students will have the necessary skills to work in a variety of businesses connected with farming and practical agriculture jobs.



JACK MORTON



I always knew that my career would be in farming and the work-based route seemed most suitable for me. I first completed the Level 2 course and have now progressed onto the Level 3 programme. I have chosen the beef and sheep option, where I will be covering areas such as feeding, grazing, veterinary treatments and housing. I hope to use this knowledge when I am working at home to make the farm even more efficient and cost effective.



Level 2 Apprenticeship in Agriculture/Diploma in Work-based Agriculture

This Level 2 Apprenticeship and/or City & Guilds Level 2 Diploma places an emphasis on practical skills development. Students attend class one day per week with the other four days being spent on the farm.



Fact file

Course duration:

Approximately two years

Course location:

Based in the workplace with 'off-the-job' training and assessment at Greenmount Campus, Enniskillen Campus and outcentres

Course Manager:

Lorna Christie

Telephone:

028 9442 6918

Email:

lorna.christie@daera-ni.gov.uk



Course content

Basic skills include:

- Animal health and welfare
 - Animal selection and breeding
 - Feeding livestock
 - Keeping farm records
 - Routine treatments, for example, dosing, injecting
- Two subsidiary subjects from:
- Emergency first aid
 - Foundation module of pesticide application
 - Manual handling
 - Tractor operation

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent qualifications, will complete Essential Skills qualifications in Numeracy and Literacy as part of their programme of study.

Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE, including English or Mathematics. Plus relevant knowledge of the industry and basic livestock skills, which can be acquired prior to leaving school.

Progression opportunities and career destinations

This course provides students with an opportunity to progress onto the Level 3 Apprenticeship in Agriculture or the Level 3 Diploma in Work-based Agriculture in the enterprise of their choice or onto the Level 3 Advanced Technical Extended Diploma in Agriculture to gain additional supervisory skills.



ANNA BOYD



"I work on my family beef and sheep farm, near Cloughmills where we have around 800 cows and 1100 sheep. I enjoy being outside and really wanted to be farming rather than studying full-time. For this reason I applied for the Level 2 Work-based Diploma course.

I enjoy the course as it allows me to learn new skills and pick up new ways of doing things, which will be great help to me in the future. The industry and farm visits have also been very good as they give us the opportunity to see and discuss different farming systems and enterprises."



Multi-Skilling Programme

This programme aims to provide young people with the opportunity not only to gain a trade but also to train in agriculture. This means that they will have the necessary skills and knowledge to secure employment off the farm and to farm on a part-time basis.

Fact file

Course duration:
59-78 weeks (depending on the main programme category)

Course location:
Greenmount Campus

Course Manager:
Lorna Christie

Telephone:
028 9442 6918

Email:
lorna.christie@daera-ni.gov.uk



Course content

Students undertake two Level 2 courses, one in Livestock Production called a City & Guilds Diploma in Work-based Agriculture, and the other in their chosen trade area, for example: joinery, plumbing, plastering, bricklaying or motor mechanics. Training in the trade area will normally be delivered through day-release and work experience, organised by another training organisation.

Agriculture course delivery

Students attend Greenmount Campus for five one-week blocks.

Skills undertaken include:

- Grassland management
- Health and safety
- Livestock husbandry and nutrition
- Record keeping

Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE or equivalent. Preference will be given to applicants with English or Mathematics at Grade C or above plus the equivalent of one year's relevant industry experience, which can be acquired prior to leaving school. In addition applicants may be required to complete an agricultural knowledge assessment.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto a Level 3 Apprenticeship in their trade area or a Level 3 programme in Agriculture. Most trainees will be in work or will gain full-time employment in their chosen trade area and farm part-time.



“

I live our family farm, near Bushmills, where we have pedigree Charolais, Pedigree Dorset Horns and Pedigree Texel ewes.

On completing my GCSEs I looked at different options to continue my studies. Although I wanted to study agriculture I also wanted to study a trade area. Multi-skilling gave me the opportunity to do both. I enrolled at the Northern Regional College to study joinery and attend Greenmount Campus for a series of intensive weeks of training to complete a Level 2 Diploma in Work-based Agriculture. I have found this course to be a great way to learn and work at the same time.”

Equine courses



Level 3 Advanced Technical
Extended Diploma
in Equine Management



Level 2 Technical Certificate
in Horse Care



Level 2 Apprenticeship in the Equine
Industry/Level 2 Diploma in Work-based
Horse Care/Racehorse Care



Farrier Upskilling Programme



Pre-Farriery Programme



*The courses within this chapter are subject to change,
please refer to our website for updated information.



Industry insights



The equine industry is an international business with many job opportunities, enabling students to experience life and work around the world.

Enniskillen Campus currently provides the widest range of equine programmes in Ireland. Courses have been developed which meet the needs of the industry and students alike, producing graduates with the capability to succeed in a wide range of careers.

Through the courses, the College aims to help develop a competitive equine industry and aspires to give students an insight into many different equine related careers.



Career profile



Adam Morgan

“

I completed my Level 3 Extended Diploma in Horse Management in 2015 at Enniskillen Campus. In first year I participated on an Erasmus+ study programme to Holland where we visited international showjumping and dressage yards. In Holland, I undertook work placement with the international showjumper Piet Raijmakers which gave me an insight into how strictly international stables are managed and planned. We also visited Zangersheide Stud and I was intrigued with the facilities, the standard of riding and how well they produce their horses.

After graduating, I worked with Linda Courtney in Nutts Corner and Michael McCann, Seapatrick Sport horses in Banbridge, where I gained more experience riding and working in a competitive competition yard.

I am currently working in Zangersheide in Belgium and I am getting an insight into the breeding side of the industry, riding top quality horses and I receive tuition from top international trainers/riders such as Christian Ahlmann and Judy Ann Melchior. I feel so lucky to have achieved this job which I have such a passion for and I owe my success to CAFRE and the people who I worked with before, during and after my studies.

I thoroughly enjoyed my time at Enniskillen Campus and gained so much valuable knowledge and skills as well as making lifelong friends. Enniskillen Campus and its Further Education programmes gave me a great foundation which helped secure and start my career in the equine industry.”



Equine career prospects

Students enter the equine industry at different levels depending on their qualifications and experience.

Racehorse trainers

The racing industry requires highly skilled people to work as racehorse trainers. Successful racehorse trainers require well developed business management and people skills as well as excellent horsemanship.

Riding instructors

A teaching vocation within the equine industry will offer a challenging career and a high level of job satisfaction. Riding instructors need to be enthusiastic, confident, patient and articulate with a sense of humour and good communication skills.

Competition and stud grooms

Grooms should be in excellent health, physically fit, hard working, skilled and motivated. Some grooms also ride and compete in their chosen industry. Progression to head groom or travelling groom usually comes with experience.

Riders

There are a number of jobs worldwide for lightweight, experienced work riders. Talented, dedicated riders can progress in their area of expertise to become competition riders or jockeys.



Our equine facilities



Equine courses offered at Enniskillen Campus incorporate a strong practical dimension and the philosophy of 'learning by doing' is applied throughout all programmes.

Specialist amenities

High quality equine education and training has been delivered at Enniskillen Campus since the early 1990s. The combination of excellent equestrian, teaching and residential facilities at the campus enables students to develop their practical and academic competencies in a pleasant environment. The students receive excellent support from members of the local equine industry.

The campus has been developed to provide an impressive range of indoor and outdoor facilities. There are stabling facilities for student livery horses, a horse walker, an indoor arena and a number of outdoor arenas.



Level 3 in Horse Management

This Level 3 Advanced Technical Extended Diploma in Horse Management course provides excellent preparation for those wishing to pursue a career in the equine industry or progress onto higher education. The course is taught using the practical facilities at Enniskillen Campus.

Fact file

Course duration:

Two years full-time including a ten-week work placement

Course location:

Enniskillen Campus

Course Manager:

Sharon McLaren

Telephone:

028 6634 4842

Email:

sharon.mclaren@daera-ni.gov.uk



Course content

The main areas of study are:

- Anatomy and physiology
- Breeding and young horse handling and training
- Business management
- Competition grooming
- Equitation – flat and jumping
- Horse behaviour and welfare
- Horse husbandry, stable and yard management
- Working horses from the ground.

Work placement

Students complete ten weeks of approved work placement within the two years of the course. Typically students work in a range of yards depending on their area of interest, for example breeding, racing, eventing, show jumping and dressage.

Entry requirements

Normally four GCSE passes at Grade C or above including English and Mathematics.

Competency in horse riding is essential for those wishing to undertake riding options.

Applicants must also demonstrate that they have a minimum of 40 hours of experience in the equine industry, which can be acquired prior to leaving school.

Progression opportunities and career destinations

This course may provide an opportunity for students to progress onto the Equine Foundation Degree or Honours Degree programmes. Students are ideally suited to find employment of a practical nature in a wide range of equine businesses. Examples of careers include: managing own business, breaking and schooling horses and/or livery; work riders in racing yards; stud grooms; competition grooms and sales representatives.



CHLOE RUSSELL

“

I have always been passionate about horses and wanted to pursue a career in the equine industry. I have just completed my first year of the course.

Before coming to CAFRE, I worked at a breaking and schooling yard, and competed young horses at local shows. I hope to own my own yard in the future and CAFRE is providing me with the skills needed. I completed my work placement at Cavan Equestrian Centre where I gained experience in the show jumping industry and assisted with some of the International Shows held here.

I have made many new friends at CAFRE. There is a lovely friendly atmosphere at the campus and the staff are approachable and helpful. I have learnt so much in such a short time and I am really keen to progress onto second year and develop my skills.”



Level 2 in Horse Care



This practical Level 2 Technical Certificate in Horse Care offers young people the opportunity to develop a wide range of skills required for jobs within the equine sector. The course is taught using the practical facilities at Enniskillen Campus.



Fact file

Course duration:

One year full-time, including a five-week work placement

Course location:

Enniskillen Campus

Course Manager:

Sharon McLaren

Telephone:

028 6634 4842

Email:

sharon.mclaren@daera-ni.gov.uk



Course content

The main areas of study are:

- Estate maintenance
- Feeding and watering horses
- Horse handling
- Principles of horse biology
- Riding horses
- Work related experience in the horse

Work placement

A minimum of five-weeks approved work placement is an integral part of this course. Students are encouraged to find work in their area of interest such as breeding, racing, competition yards or riding schools.

Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE or equivalent, including English and Mathematics.

Basic skills in horse riding are essential for those wishing to undertake the riding module.

Students who have not attained a Grade C in English and Mathematics at GCSE or equivalent have to complete Essential Skills in Literacy and Numeracy.

Applicants must also demonstrate that they have a minimum of 40 hours of experience in the equine industry, which can be acquired prior to leaving school.

Progression opportunities and career destinations

This course may provide an opportunity for students to progress onto the Level 3 Advanced Technical Extended Diploma in Horse Management. Students are well positioned to find employment in a diverse range of sectors within the equine industry including: racing, show jumping, eventing, dressage and showing, riding schools, livery yards and studs.



“

I have just completed the course. Throughout the year I learnt a lot of new theory and was able to practice and improve my practical skills as well as acquiring new ones. I was also delighted to win the Thompson Cup and the Department of Agriculture, Environment and Rural Affairs Prize for the best performance on the programme.

As part of the course, I completed my five weeks of work placement at Mount Pleasant Trekking Centre, Castlewellan where I got a lot of experience working with a range of horses. I helped with preparing horses for treks and assisted riders, if required. I also got experience working on the livery yard.

I really enjoyed my year at Enniskillen Campus.”



Level 2 Apprenticeship in the Equine Industry/ Level 2 Diploma in Work-based Horse Care/ Racehorse Care



Northern Ireland Apprenticeships are an excellent way to gain industry recognised and relevant qualifications whilst in the work place. Apprentices will develop practical skills and gain underpinning knowledge through training that is relevant to the industry.



Fact file

Course duration:

Approximately two years

Course location:

Based in the workplace with 'off the job' training and assessment delivered at Enniskillen Campus

Course Manager:

Sharon McLaren

Telephone:

028 6634 4842

Email:

sharon.mclaren@daera-ni.gov.uk



Course content

Depending on the needs of the employer, Apprentices may choose from one of two pathways for the competence based element of the Apprenticeship. This includes Work-based Horse Care and Work-based Racehorse Care. Both pathways offer riding and non-riding options.

Areas of study include:

- Caring for horses after work
- Clean and maintain stables
- Cleaning and grooming
- Feeding and watering horses
- Monitor and maintain health and safety
- Monitoring the health and well-being of horses
- Plaiting and trimming
- Preparing horses for exercise

Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE or equivalent, including English and Mathematics. Students who have not attained a Grade D or above in English and Mathematics at GCSE or equivalent, will complete Essential Skills qualifications in Literacy and Numeracy as part of the course. Basic skills in horse riding are essential for those wishing to undertake the riding module.

Apprentices must be aged 16-24 years and about to take up or already be in paid employment in Northern Ireland. They must be working a minimum of 21 hours a week.



Progression opportunities and career destinations

This course may provide an opportunity for students to progress onto a Level 3 qualification or to be employed in a diverse range of roles within the industry including horse grooms, riding centre employees and racing yard grooms and riders.



Farrier Upskilling Programme

The Farrier Upskilling programme at Enniskillen Campus is designed for those already working in the industry and seeking to achieve the Worshipful Company of Farriers Diploma Award (DipWCF).



Fact file

Course duration:

Two days per month for approximately two years

Course location:

Enniskillen Campus

Course Manager:

Catherine Crowley

Telephone:

028 6634 4601

Email:

catherine.crowley@daera-ni.gov.uk



Course content

The course covers the principles of equine anatomy, physiology, conformation, dynamics and movement, injuries and ailments/diseases affecting the foot and limb and the fundamentals of farriery.

Practical skills include making different types of shoes from steel stock, using coke and gas forges.

As part of the final assessment, students are required to produce a portfolio of handmade horseshoes for the Worshipful Company of Farriers (DipWCF) examination.

Work placement

Suitable for farriers already practicing in the industry, with two years of verifiable experience.

Entry requirements

Applicants must have written confirmation, from at least two independent sources, one of which must be a farrier, confirming that they have been employed regularly and gainfully as a registered or unregistered farrier for a period of at least two years. Further guidance can be obtained from the Course Manager.

Progression opportunities and career destinations

Through the course farriers have the opportunity to gain a recognised qualification and from there they can apply to the Farriers Registration Council to become registered.

JOSEPH MURRAY

“

I decided to enrol on the Farriery Upskilling Programme as I have wanted to be a farrier for many years. I decided that the Farriery Upskilling was the next progression from completing the Pre-Farrier Programme in 2014 where I initially developed my forge working skills. I enjoy all the aspects of the programme and I have learnt so much since I started. I know that my practical farriery skills are improving as the course progresses and I enjoy the theory detail of the anatomy and physiology and how it relates to farriery. There is a lot of hard work ahead of me as I work towards the examination for the Diploma of the Worshipful Company of Farriers (DipWCF) in 2019. However, it will be worth it as I believe the qualification will help me develop my farriery career.”

Pre-Farriery Programme*



Farriery is the shoeing of horses and similar animals. A farrier is a skilled craftsperson who is able to make shoes for all types of horses' feet according to the needs and welfare of the animal. This course provides the knowledge and skills required to progress to a farriery apprenticeship.



*This course is under review, please refer to our website for further information.

Fact file

Course duration:

One year full-time, including a five-week work placement

Course location:

Enniskillen Campus

Course Manager:

Sharon McLaren

Telephone:

028 6634 4842

Email:

sharon.mclaren@daera-ni.gov.uk



Course content

- Level 2 Technical Certificate in Horse Care
- City & Guilds Level 2 Certificate in Forgework

Work placement

Students spend five weeks working with an approved farrier or in an approved work experience equine establishment to improve their horse care skills.

Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE or equivalent including English and Mathematics.

Students who have not attained a Grade C in English and Mathematics at GCSE or equivalent have to complete Essential Skills in Literacy and Numeracy.

Applicants must also demonstrate that they have a minimum of 40 hours of experience in the equine industry, which can be acquired prior to leaving school.

Progression opportunities and career destinations

This course may provide an opportunity for students to progress onto an Apprenticeship in Farriery, ultimately sitting the Diploma of the Worshipful Company of Farriers and becoming a registered member or study for the Level 3 Advanced Technical Extended Diploma in Horse Management.



JORDAN BUCHANAN

“

I have just completed the course. Studying the Level 2 Diploma has allowed me to gain a greater knowledge of all aspects of the horse whilst the Forgework Certificate developed essential forgework skills. This included producing a variety of examination pieces using skills such as shaping metals and using forging, cutting and joining techniques. As part of the programme, I also undertook five weeks of work placement in Newmarket with O'Shaughnessy Farriers. This was an amazing experience for me. I was able to build up industry links and secure a farrier apprenticeship. I am looking forward to the new challenges it brings.

I was delighted to win the Vaughan Trust Award for the top Level 2 Diploma student and the Forging Cup for best performance in the Certificate in Forgework exam at the Awards Day.”



Floristry

courses



Level 3 Advanced Technical Diploma
in Floristry

Level 2 Technical Certificate
in Floristry



*The courses within this chapter are subject to change,
please refer to our website for updated information.



Industry insights



Floristry is a diverse business sector offering a career in a fascinating and dynamic profession which combines creativity and technical ability with business skills.

CAFRE offers the only nationally recognised full-time floristry course in Northern Ireland and has a well established reputation for training those wishing to enter or who are already employed in the floristry industry.

Greenmount florists have an amazing track record of examination and competition success. Many now manage successful flower shops and several have established new floristry businesses.

Nine Greenmount floristry students have reached the UK finals of the Worldskills Floristry Competitions in recent years, including Intermediate Gold Medallist, Romaine Hodgen and Advanced Gold Medallists, Nigel Close and Heather Hume. Since 2009, seven current students or graduates have also reached the finals of the prestigious British Florist Association Chelsea Young Florist of the Year Competition, held each year at RHS Chelsea.



Career profile



Kathryn Millar

“

I had extensive experience of retailing giftware but always loved flowers and had great admiration for my local florist, Tim Kirkpatrick, Floral Earth. Tim had studied at Greenmount and encouraged me to combine my creativity with my business skills by joining the floristry course and he provided me with a valuable work placement. I found the course a real challenge but enjoyed every minute and it gave me the confidence to establish my own business, The Flower Room in Hollywood.

It has been a nerve wrecking but exciting and rewarding experience. I quickly developed my own style and client base and I've never looked back. It has been a pleasure to remain in contact with friends from College and to be able to offer work placement and employment to several others who, like me, were keen to have a career in floristry.”



Floristry career prospects



Junior Florist

As a Junior Florist you will be responsible for conditioning flowers and foliage used in the shop and displaying them for sale. You will also assist in making up designs for a range of customers and occasions, help customers choose suitable designs and gifts, care for plants and help with shop displays and price marking. You will need good people skills and must be able to work as part of a team, especially when the pressure is on at peak sales periods. Creativity and a willingness to learn will help you move up the career ladder to a Florist post.

Florist

As a qualified Florist you will need extensive product knowledge and design skills to create designs suitable for gifts, weddings, corporate events and funerals. Every week you will need to guide customers who are experiencing the highs and lows of life and to do this effectively good communication and customer care skills are essential. With increasing competition from supermarkets, florists need to offer personalised designs at a range of price points and must ensure designs are profitable.

Senior Florist/ Shop Manager

A Senior Florist will have several years' experience of retail floristry and will have built up a high level of design skill. For many Senior Florists the best part of their job is in planning and creating designs for weddings and corporate events. Many people are first attracted to floristry as a career when they have seen the floral displays at a wedding or a stunning bridal bouquet. However, as a Senior Florist, you will probably also be responsible for the day-to-day running of the shop. This will include general administration, ensuring health and safety, contact with suppliers, stock control and ordering, staff training and management and dealing with (hopefully few) complaints.

For many florists the ultimate goal is to establish their own successful business and there are also opportunities as design demonstrators, floristry tutors, sales representatives and floristry judges.



Our floristry facilities



The facilities at Greenmount Campus are unique in Northern Ireland for floristry education and training. The College has excellent purpose built teaching facilities including two floristry studios and a new plant studio within the Richardsons Walled Garden.

The studios have dedicated areas for cut flower identification and conditioning, refrigerated display storage, design demonstration and practice, retail display windows and a gift wrapping/customer service area. The new plant studio provides a great environment to develop indoor plant identification and care skills.

A range of summer cut flower and foliage crops are grown for development and demonstration to growers and florists at the College's Horticulture Centre. Floristry students are therefore in the unique position to see at first hand how cut flower, foliage and pot plant crops are produced using modern production methods. In addition, eighteen hectares of amenity grounds at the College provide excellent opportunities to gain plant knowledge.



Level 3 in Floristry



This is a practical work-related City & Guilds Level 3 Advanced Technical Diploma in Floristry course. It is designed to develop the skills of those working in the floristry industry. Applicants should have achieved a Level 2 Diploma in Floristry or equivalent.

Fact file

Course duration:
Two years part-time

Course location:
Greenmount Campus

Course Manager:
Caroline Mathers

Telephone:
028 9442 6677

Email:
caroline.mathers@daera-ni.gov.uk



Course content

The main areas of study are:

- Business skills for floristry
- Creative design process for florists
- Design and evaluation: arrangements, tied, sympathy and wedding
- Event floristry
- Flower and plant care
- Working in the floristry industry

Entry requirements

All applicants must be currently employed in a florist shop at least three days a week.

Normally four GCSE Grade Cs or above including English and Mathematics with at least one year's full-time employment with a florist shop.
or
Level 2 Diploma in Floristry, at Merit level or above and GCSE Grade C in English and Mathematics or equivalent.



Progression opportunities and career destinations

The course aims to develop the skills of those working in the floristry industry. On completion of the programme students may continue in employment and progress to posts as senior florists, managers or freelance designers. There are excellent career prospects for trained florists both in the UK and abroad.



MARY MCQUAIDE

“

I have eleven GCSEs and considered staying on at school to do A-Levels but when I worked in a local florist shop over the summer holidays I just knew I wanted a career in floristry. I completed the full-time Level 2 Diploma course and developed a great range of practical skills. I was delighted to graduate with a Distinction in 2016.

I'm working with Central Florist, Newry, where I did my work placement and studying for a Level 3 Diploma. There's great satisfaction in such a creative business and I'm really enjoying developing my own style, incorporating more advanced techniques and being able to exchange ideas with other florists.”

Level 2 in Floristry



This City & Guilds Level 2 Technical Certificate in Floristry programme is a practical, work-related course designed to give students a broad understanding and appreciation of the floristry industry. This programme aims to develop and support the floristry industry and is not a leisure course.

Fact file

Course duration:

One year full-time

Course location:

Greenmount Campus

Course Manager:

Caroline Mathers

Telephone:

028 9442 6677

Email:

caroline.mathers@daera-ni.gov.uk



Course content

The main areas of study are:

- Creating floristry design
- Customer service
- Design principles
- Floristry products
- Health and safety
- Working in floristry

Entry requirements

Normally two GCSE Grade Cs or three Grade Ds or above including English and Mathematics.

Students who have not attained a Grade C or above in English and Mathematics at GCSE or an equivalent qualification have to attend additional English and Mathematics classes as part of their programme of study.

Applicants who can demonstrate significant relevant industry experience will also be considered. These applicants may be required to submit work-based evidence and undertake written assessments and/or practical competence tests as part of the assessment.

Students must also complete a minimum of 40 hours work placement with a retail florist before starting the course and have arranged a work placement for one day per week during term-time.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto the City & Guilds Level 3 Advanced Technical Diploma in Floristry on a day-release basis. The course aims to prepare students for employment as skilled florists within the floristry industry. There are excellent career prospects for trained florists both in the UK and abroad.

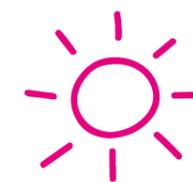


KAREN DORAN

“

I studied the full-time Level 2 course at Greenmount and worked on placement with a local florist. Through the course I learned all the basic floristry techniques and developed my knowledge of cut flowers and customer service skills. I was delighted to achieve a Distinction and to be awarded the Victoria Rose Bowl for design.

I was keen to further develop my skills and I'm now working with George Preston Florist in Newry and studying for a Level 3 Diploma. The combination of working in a busy shop and training at Greenmount has allowed me to develop my confidence and business skills. I've made a great network of friends both at College and through work and feel part of a great creative industry.”



Food courses



National Diploma
in Food Technology

National Diploma
in Food, Nutrition
and Health



*The courses within this chapter are subject to change,
please refer to our website for updated information.

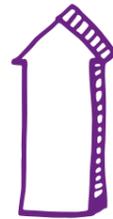
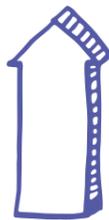


Industry insights

The food and drink industry is one of the largest employers in the UK. It is a buoyant and progressive sector and requires a pool of skilled personnel to ensure a consistent supply of safe, high quality products for discerning quality conscious consumers.

The food and drink industry is a highly competitive and dynamic sector that is constantly changing to meet consumer demands and adopt new and innovative technologies.

As the world population increases, the industry is being challenged with new ways to produce and package foods. As a result there is a great demand for qualified people to work in a wide range of positions in food businesses.



Career profile



Lauren Bresland

Laboratory Technician, Lacpatrick Dairies NI

“

What really appealed to me when applying to study the National Diploma in Food Technology was the broad range of units available. Choosing three A-levels wasn't going to give me a chance to find out what I excelled at. In hindsight, studying at Loughry was a very good decision.

I completed 18 units over two years, covering a variety of topics including science, quality, product design and food manufacturing. These were all taught in a very practical way and assessed by coursework – which I loved! I also really enjoyed the laboratory based classes and was thrilled to be offered a placement with LacPatrick who offered me a permanent job upon completion of my course.

I have decided to return to study at Loughry on a part-time basis for a BSc in Food Technology to enhance my career prospects within one of Ireland's largest dairy processors.”

Food career prospects



The career opportunities described are designed to give you an overview of some of the key roles within the food and drink industry. Loughry graduates are employed across a wide range of roles and many hold positions of responsibility in food businesses.

The level at which graduates enter the food industry will depend on their qualifications and experience. The skills and knowledge gained through Loughry's courses are also relevant to careers outside the food industry.

For more information on food careers visit:
www.tastycareers.org.uk

Product development technologists

Product development technologists design and develop new and innovative food and drink products and work to improve and extend existing ranges of food.

Production supervisors

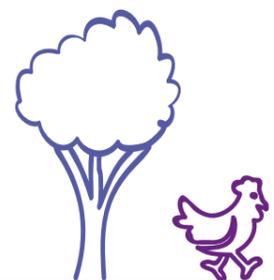
Production supervisors are responsible for the day-to-day activities of manufacturing departments. They lead teams of production staff and schedule manufacturing activities to ensure orders are met at the required time.

Quality assurance technicians

Quality assurance technicians are responsible for ensuring the safety and quality of food by monitoring and controlling the manufacturing process.

Laboratory analysts

Laboratory analysts contribute to the safety and quality assurance of the food leaving the manufacturer by conducting quality tests and checks such as microbiological and chemical analysis.



Our food facilities



Loughry Campus has excellent teaching facilities to support its food education programmes. These include a specialist Food Technology Centre, Food Innovation Centre, Food Packaging Centre and science teaching laboratories.

Food Technology Centre

The centre incorporates four food processing areas; meat, bakery, fruit and vegetables and dairy and is designed to demonstrate best practice in food manufacture. This unique facility is equipped with an extensive range of modern pilot and industrial scale food processing and product development facilities to ensure that Loughry students acquire the competencies and skills needed by the food industry. Small-scale processing equipment allows the demonstration of computerised control systems used in food manufacturing.

Science laboratories

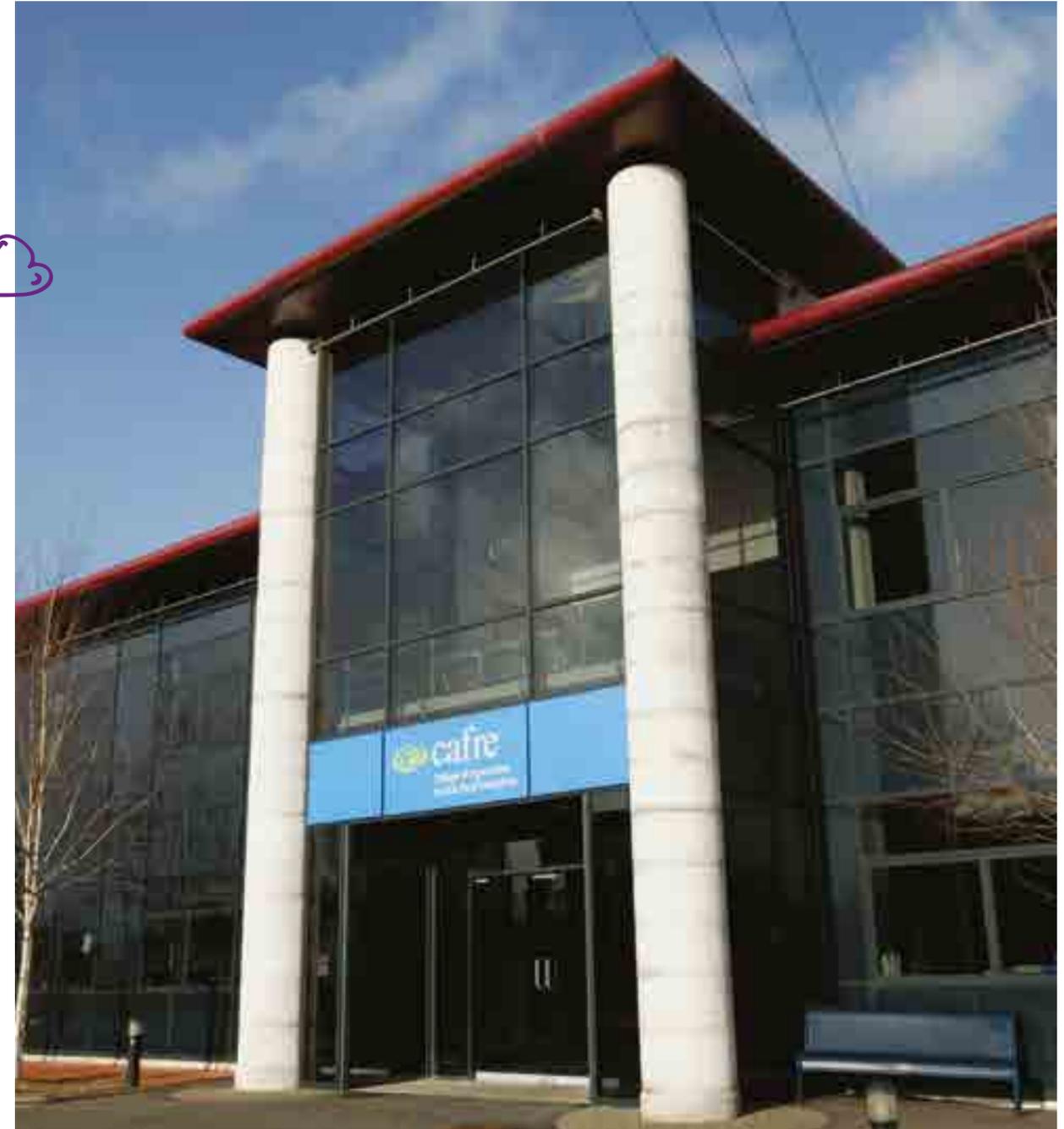
Loughry's laboratories are equipped with advanced scientific equipment which enables students to carry out microbiological, chemical and physical analysis of food ingredients and products. The latest technologies in food analysis are continuously being reviewed, thus enabling students to gain valuable knowledge and experience relevant to careers in the industry.

Food Packaging Centre

The Food Packaging Centre is a unique and well equipped facility used to evaluate packaging materials and complete packs. As food companies strive to meet consumer expectations through innovative packaging, Loughry Campus graduates are in a prime position to make a significant impact on the industry having worked in the centre.

Food Innovation Centre

The Food Innovation Centre provides students space to create and develop new food and drink products through enhanced kitchen, sensory, laboratory and packaging design facilities.



National Diploma in Food Technology



This course prepares students for employment or progression onto higher-level courses. On completion of the course students receive a BTEC National Diploma in Food Science and Manufacturing Technology.



Fact file

Course duration:

Two years full-time including work placement

Course location:

Loughry Campus

Course Manager:

Peter Simpson

Telephone:

028 8676 8130

Email:

peter.simpson@daera-ni.gov.uk



Course content

Six core units and a further twelve additional units must be completed.

Core units:

- Food and raw materials
- Food safety
- Food technology calculations
- Food workplace practices
- Introduction to food manufacture
- Introductory science for food technicians

Additional units:

- Cereal technology
- Dairy technology – liquid milk processing
- Dairy technology – product manufacture
- Food chemistry
- Food microbiology
- Food process control
- Food product development
- Food science for the technician
- ICT and food management information systems
- Meat technology
- Operational management
- Quality assurance

Work placement

Students will complete a twelve week work placement in a food business between year one and year two of the course.

Entry requirements

Normally four GCSE Grade Cs or above including English, Mathematics and Science.

Progression opportunities and career destinations

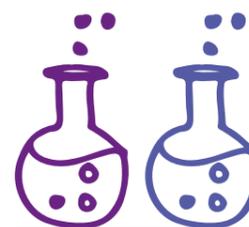
This course may provide students with the opportunity to progress onto appropriate Foundation or Honours Degree programmes. It has been designed to meet the growing need of the food and drink industry for qualified people to fill key supervisory roles including production management, quality assurance and product development.



TOMAS ADAMS

“

Enrolling on the National Diploma in Food Technology was the beginning of a very exciting journey for me. I thoroughly enjoy the practical parts of the course and I had a great summer placement with a large food manufacturer. The food and drink industry is so vast, and the range of job opportunities so broad, I have many options for future employment. The idea of a career in a technical or scientific role really appeals, so I'm likely to return to Loughry to further my studies and land a dream job with one of Northern Ireland's many food businesses.”



National Diploma in Food, Nutrition and Health

This course is designed to develop a knowledge and understanding of the links between food, nutrition and health. Students study current issues relating to health, the science of nutrition, the importance of a healthy diet and how to develop innovative, healthy foods which will optimise sports performance.



Fact file

Course duration:

Two years full-time including work placement

Course location:

Loughry Campus

Course Manager:

Peter Simpson

Telephone:

028 8676 8130

Email:

peter.simpson@daera-ni.gov.uk



Course content

Six core units and a further twelve additional units must be completed.

Core units:

- Food microbiology
- Health promotion
- Human nutrition
- Introduction to sports nutrition
- Introductory science for food technicians
- Quality assurance

Additional units

- Consumer behaviour
- Diet and health
- Food and the media
- Food chemistry
- Food in society
- Food product development
- Food safety
- Food science for the technician
- Human anatomy and physiology
- ICT and food management information systems
- Introduction to food manufacture
- Operational management
- Using your senses

Work placement

Students will complete a twelve week work placement in a food business between year one and year two of the course.

Entry requirements

Normally four GCSE Grade Cs or above including English, Mathematics and Science.

Progression opportunities and career destinations

This course may provide students with the opportunity to progress onto appropriate Foundation or Honours Degree programmes. It has been designed to meet the needs of industry and prepare students for careers at supervisory level in the food related industries. A range of jobs is available including; quality controllers, laboratory technicians and product development technologists.



ABIGAIL CUDDY



The National Diploma in Food Nutrition and Health has really made me think about our food. It's always in the news and I'm fascinated by the health and nutritional challenges that lie ahead for us. What we consume really does have an effect on our health and well-being. The course is really 'hands on' and whether it's designing a new food campaign or developing healthy new products, I'm building my confidence as well as looking forward to an exciting career in this area."



Apprenticeships in Food and Drink



Northern Ireland Apprenticeships are an excellent way to gain a nationally recognised qualification and practical hands-on work experience while in employment. Apprenticeships are offered at Level 2 and Level 3 in a diverse range of work areas within the food and drink sector. The programmes aim to give you the skills that employers want and give you choices in your career.

Fact file

Course duration:

Approximately one-two years

Course location:

Apprenticeships are normally delivered in your work place

Course Manager:

Peter Simpson

Telephone:

028 8676 8130

Email:

peter.simpson@daera-ni.gov.uk



Content

To complete an Apprenticeship you must complete a competence based element as well as completing mandatory Essential Skills qualifications in Numeracy and Literacy (if you do not already have Maths and English GCSEs).

Due to the diverse nature of the industry and depending on the needs of the employer, Apprentices may choose from a number of pathways at both Level 2 and Level 3 for the competence based element of the Apprenticeship. These pathways include:

- Bakery
- Dairy
- Meat and Poultry

Eligibility requirements

Apprentices must be aged over 16 and about to take up or already be in paid employment in Northern Ireland. They must be working a minimum of 21 hours a week.

The Food and Drink industry is an Economically Important Sector in Northern Ireland and apprenticeships are available to adults aged over 24 years.

Progression opportunities and career destinations

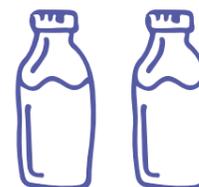
This programme may provide students with the opportunity to progress within their own organisation and to further their education through progression onto a Level 3 Apprenticeship. Level 3 graduates may have the opportunity to progress onto an appropriate Foundation Degree programme. The course has been designed to meet the growing need of the food industry for qualified people to fill key supervisory roles including production management, quality assurance and product development.



CHRISTOPHER QUIGLEY



I've been employed with K&G McAtamney since leaving school. It's a rapidly growing butchery and food processing business. With the blessing of the company I signed up for CAFRE's Level 3 Apprenticeship in Food. With my tutor I worked my way through a proficiency qualification in meat processing and along the way completed the essential skills that I missed at school. I thoroughly enjoyed the programme and it's already paid dividends as I have an increased level of responsibility within the business. I was also nominated for UK Butchery Apprentice of the Year which I was delighted to win."



Horticulture courses



Level 3 Extended Diploma
in Horticulture

Level 2 Diploma in Practical
Horticulture Skills

Level 2 Apprenticeship in Horticulture/
Diploma in Work-based Horticulture
(Parks, Gardens and Green Spaces)

Level 2 Apprenticeship in Horticulture/
Diploma in Work-based Horticulture
(Sports Turf-Greenkeeper) including
Greenkeeping Cadetship



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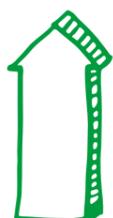


Industry insights

Horticulture impacts on many aspects of our lives and provides fascinating job opportunities in a wide variety of work activities. There is scientific evidence that we work and feel better in pleasant planted surroundings and trees and other plants have a positive effect on health, both indoors and outdoors.

Horticulturalists play a major role in all areas concerned with designing, creating, managing and maintaining our environment. As designers and

managers of urban and rural landscapes, horticulturalists are at the forefront of the world in which we live, work and play.



Career profile



Jonathan Gill

“

I grew up on a farm and always had an interest in growing plants so studying Horticulture at Greenmount was an obvious choice for me. I achieved the two year Extended Diploma in Horticulture with Merit in 2012 and this gave me a good grounding in many different aspects of horticulture. I worked part-time as a gardener at Hillsborough Castle Gardens during my course and took up full-time employment there after graduation.

While at Greenmount I had the opportunity to compete in the Worldskills UK Landscape Gardening trials and during this selection process I was involved in building award winning show gardens at major RHS Shows in England. I was one of six competitors selected for the UK Squad in 2014 and then undertook an intensive, tailor made training

programme, culminating in the Team Selection Event in Nottingham in May 2015. I was delighted to be selected for the two person Team UK and win a Silver Medal in the Worldskills Final in Sao Paulo, Brazil, in August 2015.

Skills developed on the Extended Diploma, experience from employment and the Worldskills training I've received have given me the confidence to start my own landscaping business, Johnny Gill Landscapes. I had fantastic feedback for a show garden I built to promote the business at the RUAS Show at Balmoral Park and won First Prize for the stand. I'm now busy adding to my client list and developing the business.”

Horticulture career prospects

Many of our Level 2 students go straight into employment after one year's training in horticulture, while some progress to study for the Level 3 qualifications. Our courses include a period of work placement in a sector of your choice so you get a great opportunity to see if it's right for you. After completing your qualification you may develop your career in horticulture in some of the following ways.



Horticultural worker/Gardener/ Garden Supervisor/ Head Gardener

This type of work involves preparing and maintaining areas of planting, mowing and maintaining turf areas, pruning plants and trimming hedges. There are opportunities with local authorities, historic public gardens and private properties. Some gardeners specialise in nursery work and may also need to be skilled in estate maintenance. You need to develop a good knowledge of botanical plant names and know what conditions will suit particular plants best. You will also need to enjoy working outdoors, in all types of weather, and like the challenge of hands on activity. In a more senior post you may also be responsible for conserving valuable plant collections, supervising staff, organising garden events, managing budgets, garden development and dealing with the public.

Groundsman/woman, Senior Groundsman/woman

Groundsmen/women prepare and maintain natural and synthetic sports surfaces. Their work involves all the activities that ensure the best possible playing surfaces, whether this is for football, rugby, Gaelic games, tennis, or bowling. As a groundsman/woman you will use a wide range of machinery and equipment to mark out pitches, apply fertilisers and maintain the condition of playing surfaces. You need to be able to work well on your own and as part of a team to ensure high quality standards and tight deadlines are met. In a more senior post you will be responsible for managing staff, ordering equipment and planning future developments on your sites.

Garden Centre Assistant/Supervisor/ Manager

If you have a good plant and product knowledge and enjoy working with the public this could be the career for you. As a garden centre assistant you



will be responsible for the care and presentation of a wide range of plants and garden sundries. You will need to be able to provide good advice to customers and develop your sales technique. More senior posts will also involve ordering and stock control, planning promotions, recruiting and managing staff and possibly organising catering facilities.

Greenkeeper/Head Greenkeeper

Northern Ireland is internationally recognised as a premier location for golf courses, and CAFRE has supported this achievement over the years by helping to train the people responsible for looking after these golf courses.

CAFRE Level 2 greenkeepers and groundsman and women are trained to safely operate the range of machinery in common use on golf courses and sports grounds throughout Northern Ireland. As a CAFRE trained greenkeeper, you will be able to care for, and present turf surfaces for golf, ranging from tees and greens, to fairways and roughs. This involves managing the feeding and irrigation as well as pest and disease control, alongside the maintenance of the playing surface

itself so that the sport can be played at the highest competitive level. CAFRE Level 3 sports turf students have taken this training one step further and are able to supervise the maintenance of sports turf, including making decisions on treatment regimes, machinery management and construction.

Landscape worker/contractor

CAFRE trained landscapers and contractors are trained at Level 2 to safely use a range of machinery for the landscape sector. Skilled people working in these areas are able to read from landscape plans and set out and construct gardens and landscaped areas, as well as looking after the plants, shrubs and trees in the gardens afterwards.

At Level 3, CAFRE-trained landscapers are able to plan and design gardens, as well as supervising the work of building and maintaining landscaped areas and gardens for customers.





Our horticulture facilities

Greenmount is a well established centre for horticulture education and has delivered full-time courses in horticulture since 1924.



The Campus is set in 18 hectares of landscaped grounds originally laid out in the 19th century. They are now planted with an extensive range of trees and shrubs with many interesting landscape features. The Richardsons Walled Garden was redeveloped to celebrate the millennium. It is of a formal design and includes pleached limes, a maze, water feature, knot gardens and a range of mixed and herbaceous planting.

The Campus also features sports turf areas for student learning, including the Greenkeeping and Golf Academy as well as high specification sports pitches. The Greenkeeping and Golf Academy, supported by the Golfing Union of Ireland (Ulster Branch), has three full playing holes, a short game practice area, a putting green and a

unique contoured driving range facility. The Machinery and Building Centre offers an area for undertaking skills training in machinery maintenance. There is also an extensive hard landscaping skills area adjacent to the Walled Garden.

Students also use the well resourced Horticulture Centre to study an Integrated Crop Management approach to the production of nursery stock and protected ornamental crops and cut flowers.

A new Training Centre provides excellent facilities for the demonstration and practice of innovative production methods.



Level 3 in Horticulture



This City & Guilds Extended Diploma in Horticulture is a two year full-time course. It incorporates an industry placement and offers students both the practical experience and the theory required for a wide variety of careers in horticulture.



Fact file

Course duration:

Two years

Course location:

Greenmount Campus

Course Manager:

Caroline Mathers

Telephone:

028 9442 6677

Email:

caroline.mathers@daera-ni.gov.uk



Course content

Students complete 19 units over two years including a work placement in a sector of their choice between the first and second year of the course.

The main areas of study are:

- Business management
- Construction of hard landscape features
- Garden design
- Horticultural machinery operations
- Horticultural science
- Landscape maintenance
- Ornamental plant production and selection
- Turf management

Learners develop technical and general employment skills when on work placement. Typical placements include; working for council parks departments, golf clubs, nurseries, garden centres, private gardens/estates and landscaping companies.

Students are provided with career planning guidance in preparation for their industry experience; however students are responsible for finding their own placement, which must be approved by CAFRE.

Entry requirements

Normally four GCSE passes at Grade C or above including English and Mathematics. or
Level 2 Diploma in Horticulture at Merit level or above, or an equivalent qualification and normally Grade C in English and Mathematics or equivalent.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto Foundation and Degree in Horticulture programmes.

Students can follow careers with garden centres, nurseries, golf courses, landscape companies and local councils in a wide range of jobs. Other options include horticulture therapy, education and training or self employment.



CAROLINE POWER

“

I've always had a keen interest in plants and the environment and had volunteered with Colin Glen Forest Park before coming to Greenmount. During the Level 3 course I developed a wide range of skills and especially enjoyed classes on plant identification and use. A summer work placement with the National Trust's Rowallane Gardens gave me the opportunity to develop my plant knowledge and I was delighted to win the prize for Best Plantsperson at Awards Day.

I have now progressed onto the Foundation Degree in Horticulture at Greenmount and have gained further experience through work placement with the Historic Royal Palaces Hillsborough Castle Gardens.

The Level 3 course is tough but if you have good GCSEs, enjoy outdoor work, are sociable and have a sense of adventure I'd certainly recommend it.”

Level 2 in Horticulture



This City & Guilds Level 2 Diploma in Practical Horticulture Skills is studied over one year full-time. The course provides students with a wide range of basic skills in horticulture. Students are taught mainly through practical based tuition in the ornamental gardens, woodlands, glasshouses and sports turf areas on campus. Work experience is an essential part of the programme.



Fact file

Course duration:

One year (3.5 days/week)

Course location:

Greenmount Campus

Course Manager:

Caroline Mathers

Telephone:

028 9442 6677

Email:

caroline.mathers@daera-ni.gov.uk

Course content

The main areas of study are:

- Horticultural business practices
- Identification and selection of plants
- Maintenance and use of machinery and equipment
- Plant production techniques
- Planting and maintenance

Entry requirements

Normally two Grade Cs or three Grade Ds at GCSE, including English and Mathematics.

Students who have not attained a Grade C or above in English and Mathematics at GCSE or an equivalent qualification have to attend additional English and Mathematics classes as part of their programme of study.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto the City & Guilds Level 3 Extended Diploma in Horticulture. Students can follow career paths in landscape, sports turf, nursery and retail sectors.



"I really enjoyed science at school and had a keen interest in the environment. After my GCSEs I did some pre entry work experience in garden maintenance in Bushmills before coming to Greenmount. The course gave me a great range of skills from propagation and pruning to mowing and machinery maintenance.

Living on Campus gave me time to study and socialise and I got great satisfaction from the practical work we did on the grounds. I was delighted to be awarded the DAERA Prize for Top Student at Level 2 and I've now progressed to study the Level 3 course and hope to work as a professional gardener when I complete the course."



Level 2 Apprenticeship in Horticulture/Diploma in Work-based Horticulture (Parks, Gardens and Green Spaces)



This Level 2 Apprenticeship and/or City & Guilds Level 2 Diploma provides valuable work-based training for those working in the amenity horticulture sector. It is primarily designed for those who are already working in parks maintenance or delivering professional landscape maintenance services.



Fact file

Course duration:

Approximately two years

Course location:

Based in the workplace with 'off-the-job' directed training and assessment at Greenmount Campus

Course contact:

Paul Campbell

Telephone:

028 9442 6870

Email:

paul.campbell@daera-ni.gov.uk



Course content

The main areas of study are:

- Clearing horticultural and landscaping sites
- Control of pests, diseases and disorders
- Effective working relationships
- Health and safety
- Maintenance of amenity turf
- Personal development
- Plant identification
- Pruning
- Site preparation, seeding and planting
- Use of tools and equipment

Students attend college one day per week from late September for 12-18 months to develop their knowledge, understanding and competence levels. Candidates must develop their skills in the workplace, gather supportive evidence for assessment of practical skills and complete a personal portfolio.

Entry requirements

Applicants must be working in a relevant job within the amenity horticulture sector for at least 21 hours per week and should normally have two Grade Cs or three Grade Ds at GCSE including English and Mathematics.

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent will complete Essential Skills qualifications in Numeracy and Literacy as part of their programme of study.

Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto the Level 3 Advanced Technical Certificate in Horticulture. The Level 2 qualification produces skilled operatives who can quickly become team leaders within the grounds care and amenity horticulture sectors. This qualification may allow students to obtain better rates of pay, permanent positions or alternative job roles within the industry.



I really enjoy the apprenticeship programme – it's varied throughout the day. In the morning you could be working with mature trees and a few hours later you have moved on to servicing and setting up machinery. Staff are very knowledgeable and approachable when you find yourself struggling with an unfamiliar task."



Level 2 Apprenticeship in Horticulture/Diploma in Work-based Horticulture (Sports Turf-Greenkeeper)



This Apprenticeship and/or City & Guilds Diploma provides valuable work-based training for those already working in the sports turf sector. It is primarily designed for those who are already working as trainee and assistant greenkeepers or grounds persons.



Fact file

Course duration:

Approximately two years

Course location:

Based in the workplace with 'off-the-job' training and assessment at Greenmount Campus

Course contact:

Paul Campbell

Telephone:

028 94426870

Email:

paul.campbell@daera-ni.gov.uk



Course content

The main areas of study are:

- Effective working relationships
- Health and safety
- Maintain the health and condition of sports turf surfaces
- Personal development
- Repair of sports turf surfaces
- Site preparation, seeding and planting
- Tractor operation
- Use of machinery and equipment

Students attend college one day per week from late September for 12-18 months to develop their knowledge, understanding and competence levels. Candidates must develop their skills in the workplace, gather supportive evidence for assessment of practical skills and complete a personal portfolio.

Entry requirements

Applicants must be working in a relevant job within the sports turf sector for at least 21 hours per week and should normally have two Grade Cs or three Grade Ds at GCSE including English and Mathematics.

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent, will complete Essential Skills qualifications in Numeracy and Literacy as part of their programme of study.

Those eligible for the Apprenticeship Scheme will be required to undertake the programme as an Apprentice.

Progression opportunities and career destinations

This course may provide students with an opportunity to progress onto the Level 3 Advanced Technical Certificate in Horticulture. The Level 2 qualification produces skilled operatives who can quickly become key workers within the grounds care and sportsturf sectors.

Greenkeeping Cadetship Programme

CAFRE, in association with the Golfing Union of Ireland (GUI) Ulster Branch, offers a Greenkeeping Cadetship programme.

The programme is aimed at people aged 18-24 who have a keen interest in developing a career in greenkeeping. The GUI supports two or three greenkeeping students per year with a generous financial bursary. Cadets are selected on the basis of competitive interview by a panel of GUI and CAFRE representatives. The Cadetship programme runs from early September to the following May each year.

Applicants must have relevant practical experience, a minimum of four GCSEs at Grade C including Mathematics and English and a keen interest in the game of golf. Successful candidates complete the City & Guilds Level 2 Diploma in Work-based Horticulture (Sports Turf- Greenkeeper) programme and gain practical experience while working on the sports turf areas and campus grounds.



ANDREW McALINDEN



Despite having been working in the industry for several years it was only on undertaking a formal qualification in greenkeeping at CAFRE I began to realise how technical my job actually is. I have learnt lots on the Level 2 course, all of which I can apply to my job at Warrenpoint Golf Club. I hope to advance my studies by taking on the Level 3 qualification as soon as possible.

Land-based Engineering course



Level 3 Advanced
Technical Diploma in
Land-based Engineering



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please refer to our website for updated information.

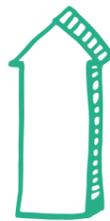


Industry insights

All those familiar with modern agriculture will appreciate the crucial role that machinery plays in this industry.

As machinery becomes more complex, more and more people with specialist technical training will be needed to service, maintain and repair this equipment.

Given the complexity and high value of machinery, good career opportunities exist in this sector. There are progression opportunities for those wishing to further their studies.



Career profile



James Duncan



I have always had an interest in tractors and farm machinery and decided at school that I would like to have a career in agricultural engineering. The Land-based Engineering course at Greenmount Campus has a good mixture of classroom teaching and practical work. In practical classes, I learnt how to service and repair a wide range of farm machinery, along with dismantling and re-building a range of working engines. Skills such as welding and the use of hand tools were also an important part of the course. We also learnt about hydraulics, electrics and electronics.

My work placement was spent at Donegal Farm Machinery. They are a Landini tractor dealership that sell, service and repair a wide range of agricultural tractors and machinery throughout the county.

As part of our final year studies, we went on a study tour to England. During the trip we visited New Holland and JCB factories, where we saw the entire manufacturing process from raw steel through to finished machines rolling off the line. Other visits were to Perkins Engine Plant and Jaguar Land Rover. Before going home we attended the LAMMA machinery show which is the UK's largest agricultural and machinery show.

I feel the Land-based Engineering course has been good preparation for me, as I now have a taste to travel and gain experience in agricultural engineering. For the next part of my career I am starting an apprenticeship with JCB (UK) and am looking forward to putting the skills that I have gained into practice.”

Land-based Engineering careers

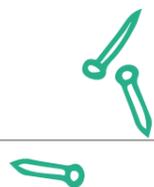
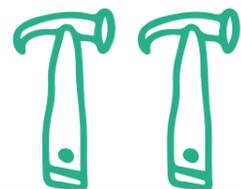
Working in this sector is not always easy; hours can be long and sometimes work needs to be done outdoors in difficult conditions. Work is challenging and varied and most of those in the industry derive a high level of satisfaction from their work.

Service technician or engineer

The work involves the service and repair of agricultural machinery, both in the workshop and in the field. More often than not, diagnosis of faults on modern equipment involves the use of diagnostic tools and IT equipment. There is strong demand for technicians and service engineers with skills in this area.

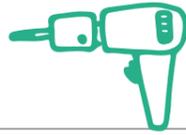
Product support personnel

Many students completing the course have an interest in tractor and agricultural machinery sales. A number of past students are currently employed in these roles. Similarly, there are openings for those who wish to work in product support and related technical roles. The course provides a useful foundation for someone embarking on a machinery sales or product support role.





Our Land-based Engineering facilities

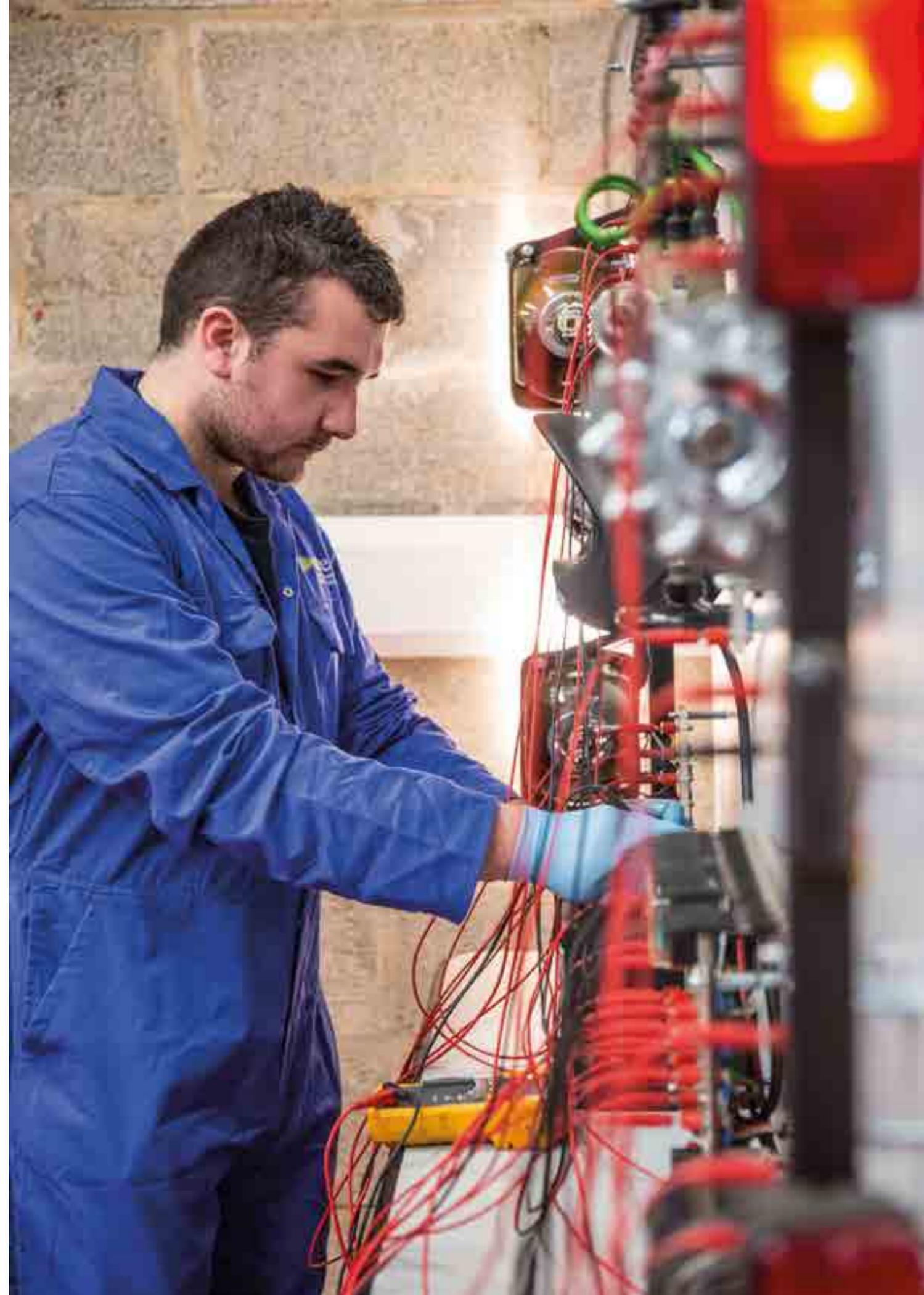


The Machinery and Buildings Centre (MBC) was specifically designed to accommodate all of the engineering training at Greenmount Campus. A range of workshops facilitates training in service engineering and related workshop skills.

Equipment

Greenmount Campus is well equipped in terms of hand tools, power tools and other workshop equipment. In addition, models, display rigs and testing equipment are available to demonstrate the underpinning principles of modern farm machinery.

The College enjoys excellent relationships with tractor and machinery manufacturers and suppliers.



Level 3 in Land-based Engineering



This City & Guilds Level 3 Advanced Technical Extended Diploma in Land-based Engineering course develops the underpinning knowledge and practical skills you will need to work as a service engineer in the land-based sector.

Fact file

Course duration:

Two years including work placement.

Course location:

Greenmount Campus

Course Manager:

Stephen Graham

Telephone:

028 9442 6745

Email:

stephen.graham@daera-ni.gov.uk



The content and activities within the course are mainly focused on the service, maintenance and repair of agricultural tractors and machinery. The course comprises classroom and workshop sessions.

Course content

The main areas of study include:

Service engineering skills; servicing, fixing, repairing and overhauling engines, tractors and farm machinery.

Workshop skills; safe use of a wide range of workshop equipment.

Classroom activities; learning the theory that underpins engines, tractors and farm machinery.

Entry requirements

Applicants should have some prior knowledge and experience of a workshop (hand tools and power tools) and of tractors and farm machinery.

While there is no tractor driving on this course, prior experience of having operated tractors and machinery is needed (so that students understand the basic principles of machinery).

Normally four Grade Cs at GCSE (or above) including Mathematics and English.

Applicants must also demonstrate that they have a minimum of 40 hours of experience in the service engineering industry, gained in a workshop environment, which can be acquired prior to leaving school.

or
A Level 2 Diploma in a relevant course achieved with Merit plus Grade Cs at GCSE (or above) in Mathematics and English (or equivalent qualifications).

or
Applicants who can demonstrate significant relevant industry experience. These applicants may be required to submit work-based evidence and undertake further assessments.

Entry requirements will be enhanced if the course is oversubscribed.

Progression opportunities and career destinations

This course may provide students with the opportunity to progress onto appropriate Foundation and Honours Degree courses. There is a range of employment opportunities for graduates in the land-based service engineering sector.



OISÍN MCPOLIN

“

I have just completed my first year of the course. I would recommend it to anyone interested in working with engines and agricultural machinery in general. The course offers a combination of classroom work and practical tasks. I completed a worthwhile and enjoyable work placement with O'Neill Tractors. I developed my skills when fixing balers, mowers and tractors and gained experience of stores that will prove very useful in my career. On completion of the course I would like to travel and gain more experience of machinery used in other countries to enable me to become a better mechanic.”



Veterinary Nursing courses

Level 3 Diploma
in Veterinary Nursing

Level 2 Certificate
for Animal Nursing
Assistants



Industry insights

Greenmount offers two animal care courses designed to prepare students for careers in the veterinary nursing/animal care profession.

The courses provide the appropriate knowledge to complement the practical skills acquired while working

in a veterinary practice and also help student nurses develop their teamwork and interpersonal skills.



Career profile



Julia Burges



I have always wanted to be a Veterinary Nurse. I grew up in a house filled with pets. We had a collection of five dogs and five cats, all acquired as stray or rescue animals, so it was no surprise to me that I developed a love of working with animals.

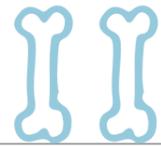
When I heard about the Level 3 Veterinary Nursing course at Greenmount I got in touch with the college and decided to apply. During my training I worked in The Brook Veterinary Practice, one of the RCVS approved training practices, where I am still employed.

I love everything about my job from general kennel work, to taking x-rays and treating animals in recovery.

Veterinary nursing is a wonderful career and I would recommend it to anyone who enjoys working with animals and of course people. The courses at Greenmount are fantastic preparation for work and provide a sound basis of theory to build upon. I would advise anyone interested in a career in veterinary nursing to just go for it.”



Our Veterinary Nursing facilities



Greenmount Campus provides an attractive learning and living environment for all students. Formal classes are taught in a specialist veterinary nursing classroom fitted with all the equipment necessary for small animal veterinary nursing, surgical nursing and diagnostic imaging.

The campus has a laboratory equipped with laboratory analysers, refractometers, microscopes, centrifuges and commercial test kits.

Veterinary nursing students have access to the Greenmount Resource Centre with its extensive library, work rooms and study areas.

The campus also has excellent computer facilities for students with the most up to date on-line teaching materials available.



Level 3 Diploma in Veterinary Nursing



This City & Guilds course is designed for those working in veterinary practices. To apply to this course applicants must be working in a Royal College of Veterinary Surgeons (RCVS) approved training practice. Upon successful completion of the qualification students can apply to the RCVS and practice as a fully registered Veterinary Nurse in Northern Ireland.

Fact file

Course duration:
Three years

Course location:
Greenmount Campus

Course Manager:
Siobhan Sheppard

Telephone:
028 9446 3683

Email:
siobhan.sheppard@daera-ni.gov.uk

How to apply:
Download an application form from: www.cafre.ac.uk Veterinary Nursing pages and once fully completed email to: greenmount.admissions@daera-ni.gov.uk



Course content

The course is delivered one day per week over three academic years.

Year 1

- Anatomy and physiology
- Applied animal welfare, health and husbandry
- Health and safety
- Operational requirements of a veterinary practice
- Professional relationships and communication

Year 2

- Applied nursing of small animals
- Diagnostic imaging
- Infection control
- Principles of supporting veterinary anaesthesia
- Supporting the supply of veterinary medicines
- Supporting veterinary operating theatre practice
- Veterinary nursing support for laboratory diagnostics

Year 3

- Applied peri-operative equine/small animal nursing
- Developing professional veterinary nursing practice
- Practical monitoring of small animal anaesthesia
- Principles and practical veterinary nursing support for small animal patients
- Veterinary nursing support for small animal emergency and critical care

When not attending College, students are employed in an

approved veterinary practice during which time they work on completing their Nursing Progress Log (NPL) and developing practical competence.

Entry requirements

Five GCSE passes at Grade C or above including English Language, Mathematics and a Science subject.

Applicants should be:

- Aged over 16 years
- Employed in an approved veterinary practice. (A list of approved practices is available on our website: www.cafre.ac.uk)

Applicants should also demonstrate that they have gained a minimum of three months or 400 hours experience of working in a veterinary practice before commencing this course.

Entry requirements will be enhanced if the course is over subscribed.

Students will incur fees to cover registration and training.

Progression opportunities and career destinations

This course provides students with the opportunity to progress onto a Diploma in Advanced Veterinary Nursing.



“

I started working in a veterinary practice in 2012 and successfully completed the ANA course. I found it good preparation for the Level 3 Diploma course. I have experience in both small animal practice and in a small animal hospital.

I enjoy developing the skills in the work environment whilst attending college and feel this really helps me make sense of the theory. I enjoy learning about new approaches to nursing care, and have had the opportunity to develop these further in my work.”



Level 2 Certificate for Animal Nursing Assistants



The aim of this Level 2 Certificate in Animal Nursing Assistant course is to equip students with the skills and knowledge required to support qualified veterinary staff and prepare students for careers as animal nursing assistants in veterinary practices.

Fact file

Course duration:

One year

Course location:

Greenmount Campus

Course Manager:

Siobhan Sheppard

Telephone:

028 9446 3683

Email:

siobhan.sheppard@daera-ni.gov.uk

How to apply:

Download an application form from: www.cafre.ac.uk Veterinary Nursing pages and once fully completed email to: greenmount.admissions@daera-ni.gov.uk



Course content

The Animal Nursing Assistant course is delivered on a day-release basis over one academic year. The remainder of the time is spent working in a veterinary practice.

The course covers:

- Basic practical management and reception skills
- Companion animal anatomy and physiology
- Control and restraint of animals
- Maintenance of animal accommodation
- Principles of infection control
- The care of ill and injured animals within a veterinary practice
- The husbandry and welfare of domestic animals

Students who have not attained a Grade C or above in English and Mathematics at GCSE or equivalent qualifications, will be advised to complete Essential Skills in Numeracy and Literacy.

Entry requirements

Normally two Grade Cs or three Grade Ds including English and Mathematics.

Applicants must be:

- Aged over 16 years
- Employed or volunteering in a veterinary practice for at least 21 hours per week for the duration of the course.

Entry requirements will be enhanced if the course is over subscribed.

Students will incur fees to cover registration and training.

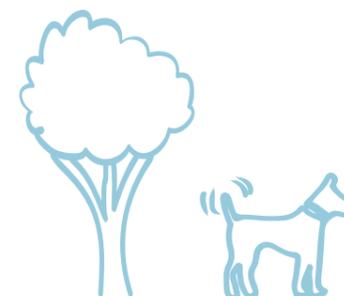
Progression opportunities and career destinations

Students are normally already employed in veterinary practices and laboratories. Students who successfully complete the Animal Nursing Assistant course may progress onto the Level 3 Diploma in Veterinary Nursing course.



“

I have always loved working with animals and have always had lots of animals at home. When I left school I trained and worked as a dental nurse, but knew that one day I would work with animals. I decided to find out about the courses available, so I chatted with both staff and students at CAFRE and decided, 'yes', this is what I really want to do for a career. I found work in Auburn Veterinary Clinic and applied for the course. I have learnt so much in such a short time and I am really keen to go on and do the Level 3 course. I love coming into the college! There is a lovely friendly atmosphere and the staff are brilliant. They are always ready to go the extra mile in providing support and encourage me to find out things that go beyond the syllabus. It is great learning new things about animals that I didn't already know.”



Important and legal information



Terms and Conditions

As a condition of enrolment all students must abide by and submit to the rules and procedures specified in the College Regulations, Students' Charter and the Joining Instructions. A copy of the current rules, regulations and information for students will be issued to all prospective students at or before enrolment.

The College will make all reasonable endeavours to deliver its courses in accordance with the descriptions set out in this prospectus. The courses offered are continually being improved through review and quality assurance processes by the College and Awarding Bodies. The College therefore reserves the right to make variations to the contents or methods of delivery of courses, if such actions are reasonably considered necessary by the College in the context of its wider provision.

Policy on Equal Opportunities

The College is fully committed to providing equality of opportunity. It is our policy to ensure that everyone associated with the College is treated equitably, regardless of religious belief, gender, whether or not they have a disability, race, political opinion, age, marital status, sexual orientation, or whether or not they have dependant(s).

CAFRE welcomes applications from students aged over 21 years on 1st October of the year of entry. Each student is considered on his/her individual merit, taking into account academic qualifications and other relevant experience. Evidence of recent academic study is particularly relevant to applications for degree courses. The College welcomes applications from students who have successfully completed relevant Access courses.



Special needs

CAFRE strives to provide an inclusive learning environment and welcomes and encourages applications from persons with a disability. Applicants are advised to disclose learning needs or disabilities on their application form to give CAFRE an understanding of their support needs and any reasonable adjustments that might be required.

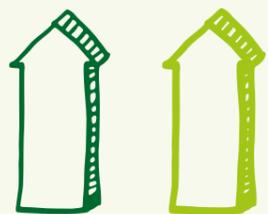
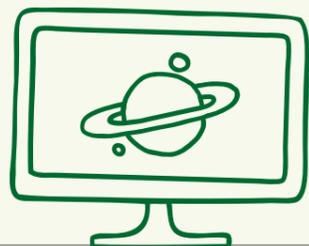
Disability will not be considered as part of the selection process. All courses offered at CAFRE have an element of application in a practical situation.

Complaints procedures

A booklet entitled 'Our Complaints Procedure' is available on the DAERA website: www.daera-ni.gov.uk and sets out the standards to which we operate with regard to all our customers. For example, course applications will be acknowledged within two working days and outcomes of College interviews will be issued within five working days of the interview.



Discover
the right
course
for you
by attending
an Open
Day...



Open Days

If you're considering coming to CAFRE, you're the type of person who is interested in a hands-on course that will give you the best possible preparation for a job in industry.



CAFRE Open Days

Good practical facilities are vital to allow you to apply your knowledge and develop the skills to give you an advantage over the competition.

That's why we'd like to invite you to visit our campuses to see the facilities we use to train our students for successful careers. You or your school can organise a special visit or you can attend one of our Open Days.

At our Open Days you'll find out about specific courses and their career opportunities, tour the facilities and accommodation and meet students and staff.

During August, when you know your exam results, we hold Careers Advice Events to let you confirm or reconsider your course options.

Spring 2018

Loughry Campus
Tuesday 17th April

Greenmount Campus
Wednesday 18th April

Enniskillen Campus
Saturday 21st April

How to find us



Enniskillen Campus BT74 4GF

Where you'll receive training in equine courses, is located two kilometres from Enniskillen, Co Fermanagh, on the A32 Irvinestown to Omagh Road.



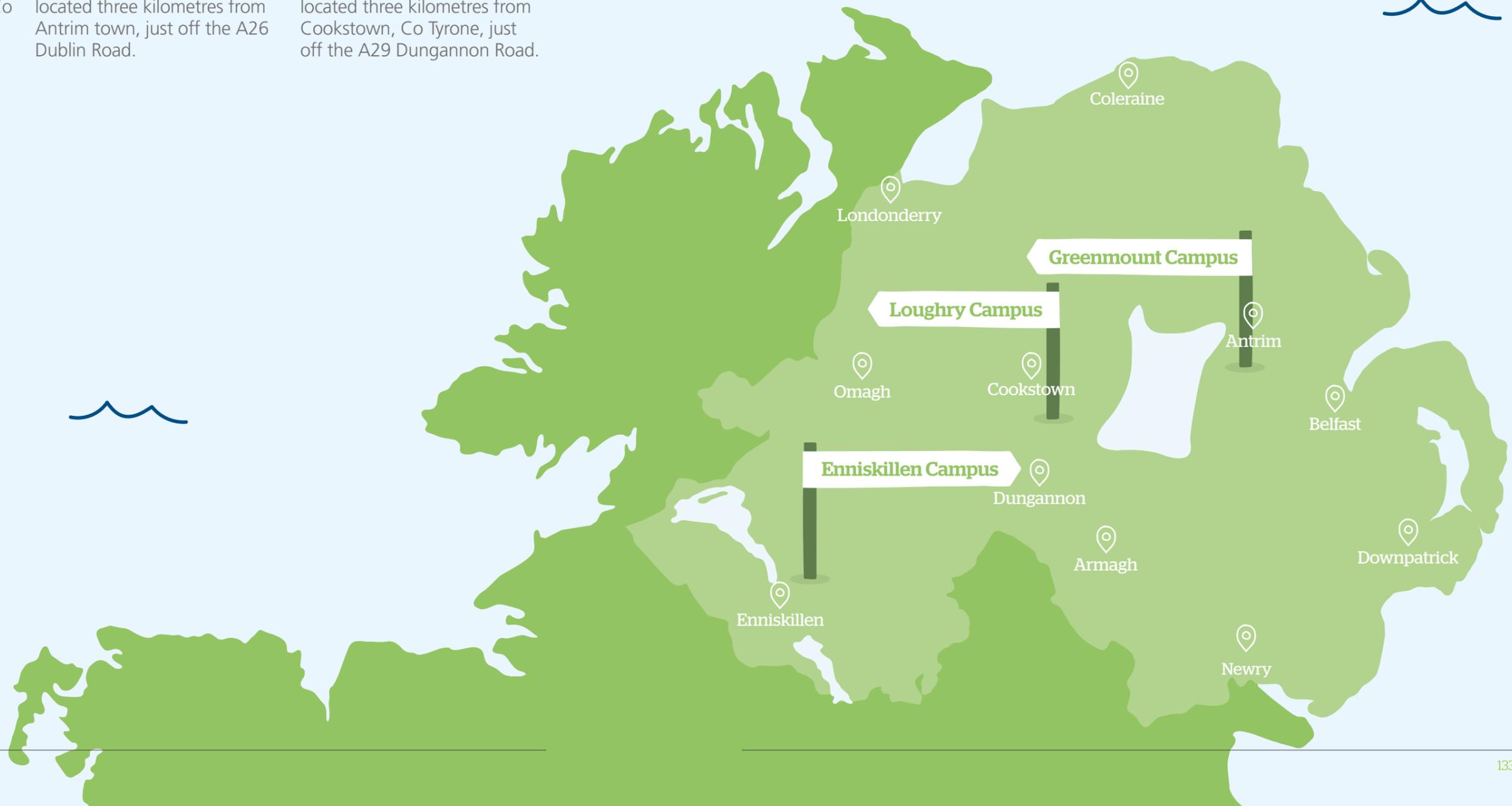
Greenmount Campus BT41 4PS

Focuses on agriculture and horticulture courses and is located three kilometres from Antrim town, just off the A26 Dublin Road.



Loughry Campus BT80 9AA

Provides education for food related qualifications, is located three kilometres from Cookstown, Co Tyrone, just off the A29 Dungannon Road.



All course enquiries
Freephone: 0800 028 4291
Email: enquiries@cafre.ac.uk
Website: www.cafre.ac.uk

If you require this publication
in an alternative format please
contact College Administration on
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Loughry Campus

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BT80 9AA

