

Crops and Machinery

This full-time Crops and Machinery education option is offered at Kildalton College.



Crops and Machinery Management

Aim: To provide students with the latest technology, information and management skills necessary for a career in the crop and machinery industry.

Programmes: Teagasc Level 5 Certificate in Agriculture Programme & Teagasc Level 6 Advanced Certificate in Agriculture (Crops & Machinery Management)

Duration: 2 years

Qualifications: These programmes are validated by QQI and lead to a Level 5 Certificate in Agriculture Award (5M20454) and a Level 6 Advanced Certificate in Agriculture (6M20486).

Entry Requirements: Applicants must be 17 years old or over on 1st January following entry to Year 1. Students who have completed the Level 5 Certificate in Agriculture, or equivalent course, are eligible to apply for the Advanced Certificate in Agriculture (Crops & Machinery Management) programme. Applicants with relevant prior learning and/or life experience will also be considered.

Application Process: The initial application should be made for the Teagasc Level 5 Certificate in Agriculture Programme. Applications are made online through the Teagasc public website: www.teagasc.ie/agriculture-courses/.



Progression

On successful completion of the programme students can progress through the higher education links scheme or advanced entry where possible. Please contact the relevant higher education institute for further information.

What will you study?

Sample content from the Teagasc Level 5 Certificate in Agriculture Programme

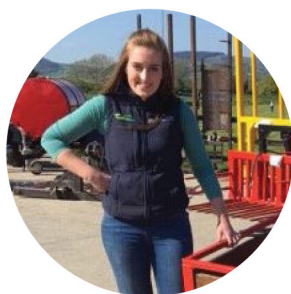
QQI Code	Title	Level	Credits
5N1433	Work Practice	5	15
5N20368	Principles of Agriculture	5	15
5N20371	Farm Safety and Farm Assurance	5	15
5N20374	Soils and the Environment	5	10
5N20377	Farm Business and Technology	5	10
5N20380	Safe Use of Pesticide Products	5	5
5N20388	Beef Husbandry	5	10
5N20396	Tillage Crop Husbandry	5	10
5N20399	Grass Production *	5	10
	Electives*	5	20

Sample content from the Teagasc Level 6 Advanced Certificate in Agriculture (Crops and Machinery) Programme:

QQI Code	Title	Level	Credits
6N1947	Work Practice	6	15
6N20462	Farm Management and Business Planning	6	10
6N20463	Sustainable Farming in the Environment	6	10
6N20464	Sustainable Farm Development	6	15
6N2242	Production Equipment for Crops	6	15
6N20468	Crop Production Management	6	10
6N20469	Crops Market and Management	6	5
	Electives		40

*Choice of module will be at the discretion of the college/centre

Graduate Profile



Name: Louise Carroll
County: Carlow

My name is Louise Carroll from Tullow Co. Carlow. In 2016/17 I completed the Advanced Machinery and Crops course in Kildalton College.

I wanted to do this course in Kildalton because I have a keen interest in machinery and crops coming from a contracting and tillage background at home.

What I loved about the course is how there was so many practical elements involved, especially regarding machinery. We all got to plough and sow ourselves and got to operate different makes and models of tractor and machinery, we also walked crops weekly to monitor for pests and diseases and we got to manage three different crops on our own as a group. The lecturers in this course were always very involved and put in a lot of extra time and effort into each student which was a major help.

I am now confident using a welder and other equipment which I had never used prior to this course. We also learned a lot about machinery maintenance and crops. A highlight of the course for me was the foreign study tour which was to England and visits to machinery manufacturing companies.

Since completing the course in Kildalton I have progressed with my studies and am now completing the BSc in Agriculture in Waterford Institute of Technology.