Module Title:	Applied ICT in Agriculture
Language of Instruction:	English

Credits:	5

NFQ Level:	6

Module Delivered In	[2 programme(s)](#)

Teaching & Learning Strategies:	Delivery of the module will revolve around practical work that the student will save and submit at the end of the module. Classes will be used to prepare the student for laboratory sessions. Laboratory exercises should reinforce the learning from classes and show alternative applications of the tools to expand the scenarios in which they may be used. All theory will be supported using examples and practical exercises. Tutorials and labs will operate on a 'learning by doing' ethos and an open 'studio' type of learning environment will be encouraged. Other forms of learning such as problem based learning and problem solving, particularly in groups, will be encouraged through projects and through class tasks.

Module Aim:	The aim of this module is to further develop learners' knowledge of word processing, spreadsheets and presentation tools together with the development of key skills in GIS, GPS and associated AutoCAD.

Learning Outcomes
On successful completion of this module the learner should be able to:

LO1	Demonstrate the ability to produce effective documentation using word processing, spreadsheets and presentation authoring tools in a timely manner
LO2	Define and develop the basic concepts of databases
LO3	Develop drafting skills using AutoCAD
LO4	Apply best practice in the application of AutoCAD to the creation of farm layouts and farm buildings

Pre-requisite learning

Module Recommendations
This is prior learning (or a practical skill) that is recommended before enrolment in this module.

5945	FARM H1706	ICT and Agriculture 1

Incompatible Modules
These are modules which have learning outcomes that are too similar to the learning outcomes of this module.

No incompatible modules listed

Co-requisite Modules

No Co-requisite modules listed

Requirements
This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.

No requirements listed

Module Content & Assessment

Indicative Content
Word Processing and Spreadsheets • Word processing • Spreadsheets • Presentation tools
AutoCAD Drafting using AutoCAD

Assessment Breakdown	%
Practical	100.00%

No Continuous Assessment

No Project

Practical

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Practical/Skills Evaluation	Research and prepare a specific topic, agreed with class tutor, and create a presentation using a recognized presentation tool.	1,2	30.00	Week 4
Practical/Skills Evaluation	Students are also required to submit projects consisting of labs completed throughout the year in each of the tools used to form part of their continuous assessment and learning processes.	1,2,3,4	70.00	Week 13

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time		
Workload Type	*Frequency*	*Average Weekly Learner Workload*
Practicals	12 Weeks per Stage	3.00
Independent Learning	12 Weeks per Stage	3.00
	Total Hours	72.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_SWSFM_B	Bachelor of Science (Honours) in Sustainable Farm Management and Agribusiness	3	Mandatory
CW_SWSFM_D	Bachelor of Science in Sustainable Farm Management and Agribusiness	3	Mandatory

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