

Module Title:	ICT and Agriculture 1
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	No Programmes
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. Also group and problem based learning scenarios will be introduced and encouraged. These scenarios will allow students to become familiar with presenting to groups and interacting with a group and an audience. Assessment of these scenarios will be based upon engagement and professionalism in presentation
Module Aim:	The aim of this module is to provide learners with the basic concepts of word processing, spreadsheets and presentation tools together with an introduction to GIS, GPS and associated CAD skills.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Apply best practices in file management when creating and storing files
LO2	Produce effective documentation using a word processor and spreadsheets in a timely manner
LO3	Use a presentation authoring tool to create a customised presentation with multimedia elements
LO4	Have a good introductory knowledge of GIS, GPS and associated 2D CAD and their practical applications in agricultural production
Pre-requisite learning	
Module Recommendations	
<i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements	
<i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content

File Management

- Introduction to data storage and management • Using basic cloud tools

Word Processing and Spreadsheets

- Introduction to word processing • Introduction to spreadsheets

Research Methods and presentations

- Introduction to Powerpoint and Keynote • Integration of Word processing, spreadsheets and presentation tools

GIS, GPS & AutoCAD

- Introduction to databases • Introducing GIS and GPS and their application in agriculture • Introducing the use of CAD in conjunction with GIS and GPS

Assessment Breakdown

%

Continuous Assessment

100.00%

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
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	n/a
Project	Research and prepare a specific topic, agreed with class tutor, and create a presentation using a recognized presentation tool.	1,2,3,4	30.00	n/a

No Project

No Practical

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		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Laboratories	30 Weeks per Stage	1.50
Independent Learning	30 Weeks per Stage	1.83
Total Hours		100.00

