

Module Title:	Introduction to ITC for Agriculture
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	4 programme(s)
Teaching & Learning Strategies:	Students are expected to attend IT practical sessions and 'learn through doing'. The lecture's role will be to demonstrate and guide the student on the various applications that are relevant to the completion of the module. Practical agricultural examples of how word processing, data management and presentation tools can be applied to agriculture will form the basis of the delivery.
Module Aim:	The aim of this module is to provide learners with the basic concepts of word processing, data management using spreadsheets and presenting data to peers. The student will also learn about the application of GIS to agriculture as well as the use of other agricultural IT packages.
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 agricultural applications on mobile and PC
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	12 Weeks per Stage	3.00
Assignment	12 Weeks per Stage	3.00
Total Hours		72.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_SWOAG_B	Bachelor of Science (Honours) in Organic Agriculture	2	Mandatory
CW_SWSFM_B	Bachelor of Science (Honours) in Sustainable Farm Management and Agribusiness	2	Mandatory
CW_SWOAG_D	Bachelor of Science in Organic Agriculture	2	Mandatory
CW_SWSFM_D	Bachelor of Science in Sustainable Farm Management and Agribusiness	2	Mandatory