

Module Title:	Surveying and Recording 2
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	2 programme(s)
Teaching & Learning Strategies:	Learning shall be through: lectures, Demonstrations, Tutorials, Practical's & project feedback. Intensive group studio-based learning, Site visits to live projects to observe the construction practices. learning by doing for practicals and report writing to record findings. 1. To understand how to apply the principles of health and safety for surveying buildings and sites: with reference to the RICS document for Safe Surveying 2011. 2. To understand the concepts of measured surveying and complete an accurate measured survey and report of existing buildings and sites. To have the ability to produce a set of survey / record drawings measured / scaled elevation drawings, technical reports & photographic surveys. To understanding and research the date and historical styles of buildings and building types for inclusion in technical reports. 3. To understand the principles a condition survey and apply to create and present a condition report for an existing building. 4. To be able to apply the principles and techniques required to set out a site boundary, a site grid and also the foundations of a building on site 5. To understand record and apply the concepts of site progress inspections and snagging/ quality control for a construction project.
Module Aim:	Aims 1. To introduce the student to the principles of health and safety for surveying buildings and sites with reference to the RICS document for Safe Surveying 2011. 2. To introduce the student to the concepts of measured surveying and the completion of an accurate measured survey and report of existing buildings and sites. To demonstrate how to produce a set of survey / record drawings, measured / scaled elevation drawings, technical reports & photographic surveys. To introduce the student to the concept of researching and dating of historical building styles and types for inclusion in technical reports. 3. To introduce the student to the principles a condition survey and demonstrate how to create and present a condition report for an existing building. 4. To introduce the student to the principles and techniques required to set out a site boundary, a site grid and the foundations of a building on site. 5. To introduce the student to the concepts of site progress inspections, snagging/ quality control for a construction project and how to record the process.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	To understand how to apply the principles of health and safety for surveying buildings and sites: with reference to the RICS document for Safe Surveying 2011.
LO2	To understand the concepts of measured surveying and complete an accurate measured survey and report of existing buildings and sites. To have the ability to produce a set of survey / record drawings measured / scaled elevation drawings, technical reports & photographic surveys. To understanding and research the date and historical styles of buildings and building types for inclusion in technical reports.
LO3	To understand the principles a condition survey and apply to create and present a condition report for an existing building.
LO4	To be able to apply the principles and techniques required to set out a site boundary, a site grid and also the foundations of a building on site.
LO5	To understand record and apply the concepts of site progress inspections and snagging/ quality control for a construction project.
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

1. To introduce the student to the principles of health and safety for surveying buildings and sites with reference to the RICS document for Safe Surveying 2011.
2. To introduce the student to the concept of researching and dating of historical building styles and types for inclusion in technical reports.
3. To introduce the student to the concepts of measured surveying and the completion of an accurate measured survey and report of existing buildings and sites. To demonstrate how to produce a set of survey / record drawings, measured / scaled elevation drawings, technical reports & photographic surveys.
4. To introduce the student to the principles a condition survey and demonstrate how to create and present a condition report for an existing building.
5. To introduce the student to the principles and techniques required to set out a site boundary, a site grid and the foundations of a building on site.
6. To introduce the student to the concepts of site progress inspections, snagging/ quality control for a construction project and how to record the process.

Assessment Breakdown	%
Continuous Assessment	10.00%
Project	15.00%
Practical	15.00%
End of Module Formal Examination	60.00%

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Written Report	Create a written report that investigates the aims and objectives of site progress inspections for a construction project. Consider time cost and quality.	1,5	10.00	n/a

Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Measured survey & conditions report. Complete a measured survey and report for a given building. Prepare a series of survey sketches, drawings & photographic survey of the existing building. Produce a typed and illustrated conditions report on the building fabric. Consider the health and safety of the person carrying out the surveys.	1,2,3	15.00	n/a

Practical

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Practical/Skills Evaluation	Site setting out. Set out a site boundary. Set out the building line. Set out the foundations for a given building. Write a report to explain each step of the process. Explain the use of profiles and boning rods. Calculate the area of the site.	3,4,5	15.00	n/a

End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	Final Exam. The examination will be formed by a series of questions based on the learning outcomes 1,2,3,4,5,6 & 7.	1,2,3,4,5	60.00	End-of-Semester

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Laboratory	12 Weeks per Stage	0.83
Lecture	12 Weeks per Stage	1.67
Practicals	12 Weeks per Stage	1.25
Tutorial	12 Weeks per Stage	1.25
Estimated Learner Hours	12 Weeks per Stage	5.42
Total Hours		125.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_CMARC_B	<u>Bachelor of Science (Honours) in Architectural Technology</u>	2	Mandatory
CW_CMART_D	<u>Bachelor of Science in Architectural Technology</u>	2	Mandatory