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MODULE DESCRIPTOR

Module Title

Dimensional Control

Reference	SU3033	Version	6
Created	June 2017	SCQF Level	SCQF 9
Approved	August 2002	SCQF Points	15
Amended	September 2017	ECTS Points	7.5

Aims of Module

To provide the student with the ability to apply current surveying practice and use instrumentation in surveying work pertinent to the construction industry.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Carry out surveying exercises in dimensional control.
- 2 Identify and practice processes in setting out and controlling complex construction works.
- 3 Analyse advanced surveying systems and evaluate their use in the construction sector.

Indicative Module Content

The module encourages students to research and practice dimensional control processes such as traverse and setting out protocol. The emphasis is on practical problem solving and student engagement on forwarding surveying solutions to construction design and construction problems.

Module Delivery

This is a module predominantly involving practical work in relation to a project which will include, surveying, field and studio work. Research activity and directed study to core texts and www resource material will be encouraged.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	50	N/A
Non-Contact Hours	100	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type: Coursework Weighting: 100% Outcomes Assessed: 1, 2, 3

Description: A survey log will be compiled of three thematic areas including research and reflection on learning.

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

In order to pass the module students must achieve 40% or greater.

Module Grade	Minimum Requirements to achieve Module Grade:
A	70% or better
B	60% or better
C	50% or better
D	40% or better
E	35% or better
F	Less than 35%
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module None.

Corequisites for module None.

Precluded Modules None.

ADDITIONAL NOTES

Where appropriate, mixed discipline team working will be encouraged.

INDICATIVE BIBLIOGRAPHY

- 1 Irvine., W. 2006 Surveying for Construction 5th Edition. Mcgraw Hill.
- 2 www.ordancesurvey.com
- 3 [www Leica-geosystems.com](http://www.Leica-geosystems.com)