Module Title:	Managing Data in an Educational Context
Module Code:	BAED07I
Level:	5
Credits:	15

Module Description:

In this module learners will focus on the importance placed upon managing data within the educational sector and the methods of which these are returned to public funding bodies.

The learners will look at, and evaluate, a range of software programmes from across the sector to familiarise themselves with the possible data handling requirements of a future position within the education sector.

Indicative Content:

- Data management methods
- Data management software
- Personal skills audit
- SMART action/developmental plans
- Government funding bodies
- Government data requirements for the various educational sectors
- Quantitative data interrogation and interpretation
- Data report presentation

Learning and Teaching Methods:

The learners will have participated from case studies of set data examples using group discussion and individual interpretation to draw and debate their conclusions. The learner personal levels of numeracy and data manipulation abilities will increase from the case studies and tutor input with handout and tutorials to support independent study and personal targets

Specific Learning Resources:

Access to a range of software packages and information regarding to the various sectors.

Bibliography

Highly Recommended

Connolly, P., (2007) *Quantitative Data Analysis in Education.* Routledge: Adbingdon.

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Module Specifications: *School of Education*

Lawn, M., (2013) *The Rise of Data in Education Systems (Colections, Visualisations and Use)*. Symposium Books: Oxford

<u>Recommended Reading</u>

Gardener, M., (2015) *Managing Data Using Excel Research Skills Series.* Pelagic Publishing Ltd: Exeter

Kent, R., (2015) *Analysing Quantitative data*. Sage: London

Module Learning Outcomes

Subject Specific Learning Outcomes

On successful completion of this module you will be able to:

LO 1	Critically evaluate the need for data management and storage within the educational sector(s).
LO 2	Analyse their personal ICT skill set and identify action plans in order to be work ready.
LO 3	Evaluate the current data management requirements in a chosen education setting.

Assessment Title or element

Analyse and draw conclusions from a provided set of data to review performance of an educational environment (choice of primary, secondary or further education).
3,000 words

Information correct at point of publication.

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