

Learning Design Sequence

products of the AUTC project on ICT-based learning designs

Research Methods Online

RESOURCES

TASKS

SUPPORTS

- Kingston Simulation /Case studies;
- Reading Guide,
- Procedure Guide,
- Data Analysis Manual
- Student produced resources (Resources A to F)

ACTIVITY 1 (small groups) *

Guided exploration

of case study data;
Complete series of set tasks
(Production of Resource A)

ACTIVITY 2 (small groups): *

Complete quantitative research
tasks; (**Procedural** tasks)
(Production of Resource B)

ACTIVITY 3 (small groups) *

Complete quantitative research tasks;
(**Procedural & interpretive** tasks)
(Production of Resource C)

ACTIVITY 4 (small groups) *

Complete qualitative research
tasks; (**Procedural** tasks)
(Production of Resource D)

ACTIVITY 5 (small groups) *

Complete set of qualitative research
tasks (**read** and **interpret**);
(Production of Resource E)

ACTIVITY 6 (small groups) *

Completing set of qualitative
research tasks (*read* and **interpret**);
(Production of Resource F)

ACTIVITY 7 *

Open-ended research task; **review**
and **select/interpret** appropriate
qualitative and/or qualitative evidence,
construct evidence and **argue/justify**.

- Tutor guidance,
- Discussion forums,
- Learning pathways,
- Collaborative teams

15 week Semester

Intended Learning Outcomes:

- Experiential approach to developing research skills, data analysis, quantitative and qualitative methodologies
- Simulated research experience of working within a research team
- Understanding of the link between research question and appropriate method - either quantitative, qualitative or a combination of both
- Conceptual development of the theoretical assumptions underpinning research methodologies from constructivist position through interaction within the simulation.
- Ability to select and design a methodology appropriate to their chosen dissertation focus.
- Ability to use a statistical package (Statistical Package for the Social Sciences) to collate, analyse and present statistical research data.
- The confidence and ability to use ICT as a means of interaction with research colleagues; for communication, sharing documents, co-construction of conceptual analysis of data, co-construction of knowledge