



DL5803 Design of Instructional Media

Scripting for Review Presentation ONLY

This presentation focuses on a brief review of the five (5) modules that make up the course. Information included here as well as other items will be subject to questions asked on the final examination. Recommendations to score a passing score on the final include:

- Review of all readings that were presented in the course
- Review all module presentations and assignments
- Converse and communicate with peers for best strategies to succeed on the exam

The first module of the course focused on fundamentals of research and observations. Topics that were included here included the overview of research, its application to instructional design (ID), and the use of the LCA method. Additional items that were mentioned at a minimum included different types of observation, the definition and differences between the scientific method and process, and ethical considerations for research.

Module two (2) focuses on common research methods that are used by designers and then switches focus to the first of three (3) methods reviewed in the course. Qualitative research is the main focus here which is described in detail as well as a glossy overview of validity and reliability. A report structure is provided and some examples of studies. Note that all that is presented here is fair game for the final examination.

The third module takes a similar approach as the last one with the exception that it is now focused on quantitative research methods. Main focuses of this module include hypothesis testing, reasons to conduct this type of research, statistical analyses, questionnaires, and assessments – tools that are used to get data. A couple of examples of these studies are also provided for one to review.

Module #4 is a bit of a transitory module as it gives a review of mixed methods research as a start because it is merely a combination of the first two (2) reviewed. From there, the road twists and turns with suggestions for effective data collection and methods review for the research options that are the core of this course. Ethical considerations of data collection and policies that were developed years ago which shape ones now is also provided in this module.

The final module is the capstone of the course which provides one with the last remaining items to effectively conduct research exams. These include misnomers that people associate with research studies; validity and reliability looked at a second time; a template for a project; research study faults, and important reasons why it is important to continue the body of work. Benefits and drawbacks are also included of educational research and instructional design.

It is important to note that anything that was mentioned in the course is fair game as a question on the final examination. Provided you had an enjoyable experience and learned a lot, you should do very well. Best wishes.