EDFS 635 - Educational Research - Dr. Skinner
Examination Review Guide – Fall 2009

(70 points)

1. qualitative research  10 pts.  objective/short answer
   (Chpts. 14 & 16)
2. review questions  40 pts.  objective/short answer questions
3. critique of research  20 pts.  essay

Items to Study for the “Review” Portion of the Final Examination

1. steps involved in conducting research
2. types of research (quantitative, qualitative) (experimental, descriptive, etc.)
3. research problems and hypotheses statements
4. components of research reports and proposals
5. sources of information for literature reviews
6. independent and dependent variables
7. sampling techniques for qualitative and quantitative research
8. characteristics of populations and samples
9. elements which describe the technical quality of an instrument: i.e., types of validity and reliability
10. advantages and disadvantages of using qualitative and quantitative research methods
11. interpretation of a correlation coefficient
12. prediction versus relationship studies
13. control procedures for causal-comparative and experimental research
14. internal and external threats to the validity of experiments
15. experimental designs (pre-, true-, quasi-, and factorial)
16. scales of measurement (nominal, ordinal, etc.)
17. measures of central tendency, variability, and relationship
18. the normal curve
19. procedures for data collection in quantitative and qualitative research
20. differences and similarities between quantitative and qualitative research

Note: I will provide the bluebooks for the essay response.

Note: You may bring an eight-inch by five-inch index card to the exam. You may include information on both sides of this card for use during the exam.