MS Kinesiology Program
Generic Quantitative Research Article Summary/Critique Outline

1. Reference Citation (APA Format used for 703/Thesis Proposal)

2. Purpose of the study

3. Rationale for the study

4. Research Hypothesis(es) and/or Research Question

5. Literature Review: Comprehensive, current, critical

6. Method
   a. Participants
      1) Method of Selection, Assignment to groups, Attrition, etc.
      2) Characteristics (e.g., ht, wt, age, sex, race, SES)
      3) Human subjects considerations (informed consent)
   b. Instrumentation
      1) Measures (scales, validity, reliability, calibration)
      2) Procedures (task instructions, test schedule)
      3) Data analysis (processing, reduction, etc)
   c. Statistical Analysis(es)
      1) Design/Tests
      2) Significance level, Effect size, Power
      3) Appropriateness (assumptions met?)

7. Results (appropriate interpretation of statistical results)

8. Conclusions
   1) internal validity
   2) external validity (generalizability)
   3) scientific relevance/significance
   3) clinical/professional/practical relevance/significance

9. Important features relevant to your proposed study
   1) model description of method or new method introduced
   2) specific subject group used
   3) weaknesses to be avoided
   4) results to extend or refute
   5) other...