

Education 325-3

Measurement and Evaluation in Teaching

Spring Session 1985

Instructor: Dr. Michael Marshall

Thursdays 4:30-7:30

Location: On campus

Calendar Description

Basic principles of test theory applied to the use of measures in education, including the construction and use of classroom tools for measuring achievement of educational objectives, the selection and use of standardized tests, analysis of test results, grading practices, and discussion of current issues.

Pre-requisites

Education 220 or equivalent; Math 101 or Psych 210 recommended.

Main Objective

To increase the skills and knowledge of teachers regarding the construction, use, selection, and evaluation of measures appropriate to the assessment of student performance with respect to achievement and non-achievement objectives.

Topics

- \* Overview of measurement and evaluation in teaching
- \* Basic principles of measurement theory
- \* Construction and use of classroom tests
- \* Analysis and interpretation of test results
- \* Selection and use of standardized tests
- \* Grading practices and reporting
- \* Current issues and trends in educational measurement and evaluation

Assignments

1. preparation of test blueprint and sample objectives.....	5%
2. two 1-hr midterm examinations.....	30%
3. development of a classroom test and amplified objectives.....	15%
4. analysis of test results and modification of items.....	20%
5. final examination.....	30%
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	100%

Required Text

Gronlund, N.E. Measurement and Evaluation in Teaching (4th Edition)  
New York: MacMillan, 1981.

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Schedule of Topics and Assignments

- January 10 Overview of measurement and evaluation in teaching  
17 Basic principles of measurement theory  
24 Construction and use of classroom tests I  
31 Construction and use of classroom tests II
- February 7 Midterm (1 hour); Construction and use of classroom tests III  
14 Construction and use of classroom tests IV  
21 Analysis and interpretation of test results I  
28 Analysis and interpretation of test results II
- March 7 Midterm (1 hour); Process and product evaluation  
14 Selection and use of standardized tests  
21 Grading practices and reporting  
28 Current issues/trends in educational measurement and evaluation
- April 4 Final examination

Schedule of Assignments

- January 31 Assignment 1 due  
February 28 Assignment 2 due  
March 28 Assignment 3 due