

EDUCATION 325-3

MEASUREMENT AND EVALUATION IN TEACHING

Spring, 1987

Instructor: Stan Shapson

Mondays, 4:30 - 7:20

Location: MPX 7610

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Calendar Description:

Basic principles of test theory applied to the use of measures in education: construction and use of classroom tools for measuring achievement of educational objectives, including observation methods, standardized tests and overview of contemporary, local and provincial evaluation programs.

Pre-requisites:

Education 220 or equivalent. Math 101 or Pysc. 210 recommended.

Main Objectives:

To increase the skills and knowledge of teachers regarding the construction, evaluation and selection of educational measurement and assessment devices.

Topics:

The main topics to be covered in the course include:

- Overview of measurement and evaluation in teaching
- Basic principles of measurement theory
- Measurement devices for classroom use: standardized and classroom tests; scales/questionnaires; systematic observation
- Selection and development of measurement devices
- Evaluation of programs and school systems

Assignments:

1. Seminar presentation of an evaluation issue (20%).
2. Mid-term exam (30%).
3. Major paper-discussion and critique of an evaluation method (50%).

Required Text:

Gronlund, N.E. Measurement and evaluation in teaching (5th Edition). New York: MacMillan.