

Course Name: Learning and Evaluation - Education 421

Instructor: Jack Quarter

Semester: Summer Intersession

Goals: (1) to examine various techniques for the evaluation of learning; (2) to relate evaluation of learning to theories of learning; (3) to have the class members examine their techniques of evaluation and theories of learning.

Text: Lien, A.J. Measurement and evaluation of learning: A Handbook for teachers. Iowa: Brown, 1976

See: Attached reading list.

Books to be

Purchased are: A.J. Lien, Measurement and Evaluation of Learning. Dubuque. Iowa. Wm. C. Brown Co. Publishers, 1976.

Meir, D. Reading failure and the tests. An occasional paper of the workshop center for open education. New York: 1973, 38 pp.

Other readings will be xeroxed.

Assignments: Short assignments on basic educational statistics and other classroom papers as well as a major assignment in which each member of the class evaluates his/her philosophy of education and techniques of evaluation.

#### SECTION 1

May 10 - Introduction

May 12 - Describing Educational Data

\*Lien, A.J. Measurement and evaluation of learning. Ch. 3-5

May 17 - Standardized Tests

Lien, A.J. Chs. 4, 6-8.

May 19 - Biases in Standardized Tests

Ginsburg, H. The myth of the deprived child. New Jersey: Prentice-Hall, 1972, Chs. 2-4.

Meir, D. Reading failure and the tests. An occasional paper of the workshop center for open education. New York: 1973, 38 pp.

Mercer, J. Test validity, bias and fairness: An analysis from the perspective of the sociology of knowledge. Interchange forthcoming.

## Defining Objectives For Evaluation

Section II explores evaluation within the context of theories of learning. The specification of objectives and the evaluation of the objectives is examined in relation to different theoretical frameworks.

May 31 & June 2 - B.F. Skinner - Science and human behavior. Toronto: Collier-Macmillan, 1953, Section 1, 3-42.

OR - B.F. Skinner - Beyond freedom and dignity. New York: Knopf, 1971  
Hilgrad, R.E. & Bower, G.H. Theories of learning.

- Madsen, C.M., Becker, W.C., Thomas, D.R., & Koser, L., & Plager, E. An Analysis of the reinforcing function of sit-down commands. (mimeo).

May 31 & June 2 - Skinner, B.F. The technology of teaching. New York: Appleton-Century Crofts, 1968. Chs. 7 & 8, 145-184

- Holland, J.G.. & Skinner, B.F. The Analysis of behavior: A program for self-instruction. New York: McGraw Hill, 1961, Set 8.

June 7 - L. Kohlberg

Kohlberg, L. Stages of moral development as a basis for moral education: In C. Beck, B. Crittenden & E. Sullivan (Eds.) Moral Education. Toronto: U. of Toronto Press, 1971, 23-92.

Moral Dilemmas.

June 9 - C. Rogers

Rogers, C. The actualizing tendency in relation to motives and to consciousness. In M. R. Jones (Ed.) Nebraska Symposium on Motivation. Lincoln: U. of Nebraska Press, 1963, 1-23.

Rogers, C. Freedom to Learn. Columbus, Ohio: Merrill, 1969. 57-114, 229-323.

## SECTION III

June 14 - 16

In this section the class shall explore learning and evaluation within the context of their own approach to education. Each member of the class will make an individual presentation setting out their: 1) philosophy of education, 2) educational objectives, 3) operationalization of objectives, 4) evaluation of objectives.