

EDUCATION 320-3

EDUCATIONAL PSYCHOLOGY: LEARNING AND INSTRUCTION

Spring, 1987
Tuesdays, 4:30 - 7:20 p.m.
Location: MPX 8680

Professor: Dr. Phil Winne
Office: MPX 9611
Telephone: 291-4858

Prerequisite:

Education 220 - Psychological Issues in Education, or equivalent (e.g., Psychology 101)

Description:

An introductory survey of instructional psychology, a subset of theory and applied research in education. Instructional psychology involves designing and testing models that describe how students learn from teaching, and how students' motivation interacts with teaching and develops in the context of performing instructional tasks. The field also studies how teachers think about instruction, and how they plan for and analyze teaching.

Students interested in exploring how contemporary psychological theories of cognition and motivation are applied in educational settings will profit from this course. Teachers and prospective teachers will gain knowledge and skills to help in planning, delivering, and evaluating teaching. For psychology students, this course will generalize classic experimental research about learning and motivation to the context of one of our society's most influential and pervasive settings, the classroom.

Outline of Topics:

- Macro and Micro Models of Instruction (CEDARS facets, the COPE model of tasks)
- Respondent and Operant (Behavioral) Models of Learning in the Classroom Context
- Social Learning Model
- Cognitive Models of Students' Motivation
- Cognitive Models of Students' Learning
- A Cognitive Psychology of Teachers
- Tools for Applying Instructional Psychology to Teaching (e.g., Goal Analysis, Task Analysis, Observational Techniques, Traces)

Requirements:

- Approximately 50 pages of reading per week
- Written in-class and homework assignments (20% of mark)
- Project: off-campus observation and analysis of instruction (30% of mark)
- Exam covering the first half of the course at midterm (25% of mark)
- Exam covering the last half of the course at the end of the semester (25% of mark)

Readings:

Textbook: Gagne, E.D. (1985). The Cognitive Psychology of School Learning

Xerox materials on reserve in the library.