

**SIMON FRASER UNIVERSITY  
EDUCATION 320-3  
INSTRUCTIONAL PSYCHOLOGY  
(D1.00)  
(CAT. #66675 & #19268)**

Fall Semester, 1993  
(September 7–December 6)  
Thursday, 14:30-16:20 p.m. & tutorials  
Location: AQ 3149

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**PREREQUISITE:** EDUC 220

**DESCRIPTION**

Instructional psychology is a field of research addressing three main concerns:

- How do students learn and how do instructional interventions guide learning processes?
- How does motivation develop in instructional settings, and how do motivation and learning influence one another?
- How do teachers think about teaching, and how do these ways of thinking about teaching influence students' learning and motivation?

PDP students and teachers will gain knowledge and skills in this course that contribute to planning, delivering, and evaluating teaching. For psychology students, this course extends classical experimental research about cognition and motivation into the context of one of our society's most influential and pervasive institutions, the classroom.

**OBJECTIVES**

Knowledge of theory and findings from research in instructional psychology  
Skills for reading and understanding research in instructional psychology  
Skill at applying research to designing instruction and assessing its effectiveness

**OUTLINE OF TOPICS**

Models of Students' Cognition and Motivation during Instruction  
Learning in the Subject Areas: Language, Reading, Composition, Mathematics, Science  
Applying Instructional Psychology in Classroom Teaching

**EVALUATION**

The grade for this course will be based on reports of laboratory assignments (50%), a term project (25%), and a cumulative final examination (25%).

**READINGS**

Required Text: Glover, Ronning, & Bruning. (1990). *Cognitive Psychology for Teachers*.  
Materials on reserve in the library