

PSYD34
Human Intelligence
Fall 2009

Instructor: Dr. Douglas A. Bors

Office: S638

email: bors@utsc.utoronto.ca

Office Hours: Wednesdays 9:30 to 12:00

Texts: Kline, P. *Intelligence: The Psychometric view*. London, Routledge.

Gould, S.J. *The mismeasure of man*. London, W.W. Norton.

Assigned article to be announced.

This course begins with a review of the classical theories of human intelligence, with a focus on psychometric theory and factor analysis. We will start with the fundamental problem of understanding what an individual's score on a test represents. Then we will work our way up the issue of the consistent or inconsistent individual differences on the test. Crucial for all this are the notions of reliability and validity. following this we will survey contemporary approaches to intelligence and the researches that they have generated. Next we will critically examine the concept of heritability, how it is estimated, and its use and misuses.

Grading:

Your final grade in the course will be based on a mid-term paper (25%) and a final paper (75%). the mid-term paper's (hard copy) due date will be announced in class. The final paper (hard copy) is due at the last class meeting. For both your mid-term and final paper you will be given three topics from which to choose. the paper should

follow APA format and have a cover page. three percent will be decutive from your mark for each day that a paper is late.

PSYD34 Mid-term Paper Topics

The papers should be four or five pages of text, not including a cover page and a reference list. Use your texts and one or two other references. The papers are due on or before October 22nd.

- Compare and contrast two types of reliability and their relevance for IQ test?
- Compare and contrast two types of validity and their relevance for IQ testing?
- With respect to intelligence, how are factor analysis and the issue of validity interrelated?