

Instructor:	Prof. Bert Forrin	Tutor:
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Office Hours:		Office Hours:

Texts: Forrin, B. (1994) Measurement of psychological attributes (1944).
Toronto: Scarborough College Bookstore. (MPA)

Howell, D. C. (1992) Statistical methods for psychology (3rd ed.)
Boston: Duxbury. (SMP) Recommended only.

Supplementary Readings: As assigned (SR)

Week	UNIT (and associated readings)
1-2	UNIT 1 Prologue: The Two Disciplines of Scientific Psychology (SR1)
3-4	UNIT 2 Fundamentals of Regression and Correlation (SMP:220-264) <ul style="list-style-type: none"> 2.1 The Pearson product-moment correlation coefficient (MPA:IX.1-16) 2.2 Predicting performance from the linear regression equation (MPA:Y.1-20) 2.3 A closer look at correlation (MPA:Z.1-21) 2.4 And a closer look at regression 2.5 Correlation and regression coefficients as inferential statistics (MPA:T.1-7, S.1-S.13)
5-9	UNIT 3 Fundamentals of Testing <ul style="list-style-type: none"> 3.1 Foundations of measurement (SR2,3) 3.2 Reliability: conceptual bases (MPA:R.1-20) 3.3 Measures of reliability (MPA:E.1-16, F.1-6) 3.4 Validity: criterion-related (MPA:V.1-14) 3.5 Validity: content and construct (SR4,5) 3.6 Principles of test construction (MPA:I.1-9, N.1-2; SMP:265-285)
10-12	UNIT 4 Multiple Predictor Variables <ul style="list-style-type: none"> 4.1 Multiple regression (MPA:P.1-14, M.1-23; SMP:484-528) 4.2 And a closer look at multiple regression (MPA:C.1-40) 4.3 Validity, utility, and other practical concerns (MPA:U.1-7; SR6,7,8)
13	UNIT 5 Building Theories <ul style="list-style-type: none"> 5.1 Factor analysis (MPA:A.1-6; SR9,10) 5.2 Causal analysis

Grading Policy: The final grade in the course will be determined in the following fashion.

	Points	Work Covered	Date
Exercises and quizzes	100	Current UNITS	TBA
Term exam (following UNIT 3.3)	100	UNITS 1-3.3	W 22 Feb 5-7
Term exam (following UNIT 4.3)	100	UNITS 1-4.3	R 23 Mar 5-7
Final examination	<u>200</u>	UNITS 1-5.2	TBA
	500		