. va 3	Do Ca			CTIVE: SEPTE RICULUM GUI		
A:	Division:	INSTRUCTIONAL		Effective Date:	SEPTEMBE	R 2004
B:	Department / Program Area:	PSYCHOLOGY FACULTY OF HUMANITIES & SOCIAL SCIENCES		Revision X f Revision, Section(s) Revised: Date of Previous Revision:	New Course C, H MAY 2004	
			C	Date of Current Revision:	APRIL 2004	
C:	PSYC 23	800 D: DATAAN	ALYSIS	SINPSYCHOLOGY	E:	3
	Subject & Course No. Des			riptive Title Semester Credits		
F:	Calendar Description: This course introduces students to the concepts and applications of statistics and focuses of the analysis and interpretation of data from experiments and surveys using descriptive and inferential statistics. Computerized data analysis is also introduced.					
G:	Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings:			H: Course Prerequisites: PSYC 1200 and a C grade or better in BC Principles of Math 11 (or equivalent)		
	Lecture Number of Contact Hours: (per week /semester for each descriptor)			NONE		
	Lecture: Number of Wee	4 hrs. per week / semester ks per Semester: 15	U     	<ul> <li>Course for which this</li> <li>NONE</li> <li>K:</li> </ul>	Course is a Prere	quisite



College Credit Non-Transfer

College Credit Transfer:

SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (<u>www.bccat.bc.ca</u>)

PSCY 2300-DATA ANAL

- N: Course Content:
  - 1. Abuses of statistics
  - 2. Organizing and describing data
  - 3. Measures of central tendency
  - 4. Measures of variability
  - 5. Description of frequency distributions
  - 6. Properties of normal distributions
  - 7. Central Limit Theorem
  - 8. Introduction to probability concepts
  - 9. Hypothesis testing
  - 10. Analysis of Variance and t-tests
  - 11. Correlation methods
  - 12. Regression and prediction
  - 13. Nonparametric statistical methods
  - 14. Statistical significance versus practical importance

## Q: Means of Assessment

Evaluation will be carried out in accordance with Douglas College policy. Evaluation will be based on course objectives and will include some of the following: quizzes, multiple choice exams, essay type exams, term paper or research project, computer based assignments, etc. The instructor will provide the students with a course outline listing the criteria for course evaluation.

An example of one evaluation scheme:

12 quizzes	50%
Computer based homework assignments	10%
Homework exercises	10%
Term project paper	20%
Final Exam	10%
	100%

R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR

No. Given that the course content involves theoretical and empirical analyses of statistics it is unlikely to be opened up for PLAR except as a credit transfer from another institution.

Course Designer(s): Scott Wilson

Education Council / Curriculum Committee Representative

Dean / Director

Registrar

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