



EFFECTIVE: SEPTEMBER 2004 CURRICULUM GUIDELINES

A. Division: Instructional :

If Revision, Section(s)
RE:

3

Subject & Course No.	Descriptive Title	Semester Credits						
<p>F: Calendar Description:</p> <p>A pre-calculus introduction to descriptive statistics, measures of central tendency and variation, elementary probability, probability distributions, sampling, hypothesis testing, regression, correlation and chi-square testing.</p>								
<p>G: Allocation of Contact Hours to Type of Instruction / Learning Settings</p> <p>Primary Methods of Instructional Delivery and/or Learning Settings:</p> <table style="width: 100%;"> <tr> <td>Lecture</td> <td style="text-align: right;">2 – 4 hours</td> </tr> <tr> <td>Computer Lab</td> <td style="text-align: right;">0 – 2 hours</td> </tr> </table> <p>Number of Contact Hours: (per week / semester for each descriptor)</p> <p style="text-align: center;">4 hours</p> <p>A.</p> <p>Number of Weeks per Semester:</p> <p style="text-align: center;">15</p>	Lecture	2 – 4 hours	Computer Lab	0 – 2 hours	<p>H: Course Prerequisites:</p> <p>Math 1115 or BC Principles of Math 11 (B or better) or BC Applications Math 11 (A- or better) or BC Principles or Applications Math 12</p> <p>I: Course Corequisites:</p> <p style="text-align: center;">None</p> <p>J: Course for which this Course is a Prerequisite</p> <p style="text-align: center;">None</p> <p>K: Maximum Class Size:</p> <p style="text-align: center;">35</p>			
Lecture	2 – 4 hours							
Computer Lab	0 – 2 hours							
<p>L: PLEASE INDICATE:</p> <table style="border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 40px; height: 20px; text-align: center;"></td> <td style="padding-left: 10px;">Non-Credit</td> </tr> <tr> <td style="border: 1px solid black; width: 40px; height: 20px; text-align: center;"></td> <td style="padding-left: 10px;">College Credit Non-Transfer</td> </tr> <tr> <td style="border: 1px solid black; width: 40px; height: 20px; text-align: center;">X</td> <td style="padding-left: 10px;">College Credit Transfer:</td> </tr> </table> <p style="text-align: center;">SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)</p>				Non-Credit		College Credit Non-Transfer	X	College Credit Transfer:
	Non-Credit							
	College Credit Non-Transfer							
X	College Credit Transfer:							

<p>8. Inferences from Two Samples</p> <ul style="list-style-type: none"> Inferences about two means: dependent samples, inferences about two means: independent and large samples, inferences about two means: independent and small samples, inferences about two proportions <p>9. Correlation and Regression</p> <ul style="list-style-type: none"> Correlation, regression variation and prediction intervals, multiple regression <p>10. Multinomial Experiments and Contingency Tables</p> <ul style="list-style-type: none"> Multinomial experiments: goodness-of-fit, contingency tables: independence and homogeneity 										
<p>O: Methods of Instruction</p> <p>Lectures, group work, computer laboratory exercises/assignments.</p>										
<p>P: Textbooks and Materials to be Purchased by Students</p> <p>Moore, <u>The Basic Practice of Statistics</u>, 2nd Edition, Freeman, 2000</p>										
<p>Q: Means of Assessment</p> <p>Evaluation will be carried out in accordance with Douglas College policy. The instructor will present a written course outline with specific evaluation criteria at the beginning of the semester.</p> <table data-bbox="284 898 852 1050"> <tr> <td>a. Weekly Quizzes</td> <td>0 – 20%</td> </tr> <tr> <td>b. Term Tests</td> <td>20 – 70%</td> </tr> <tr> <td>c. Computer Labs</td> <td>0 – 30%</td> </tr> <tr> <td>d. Participation/Attendance</td> <td>0 – 5 %</td> </tr> <tr> <td>e. Final Exam</td> <td>20 - 40%</td> </tr> </table> <p>Note: Students may be required to pass the final exam in order to be eligible to pass the course.</p>	a. Weekly Quizzes	0 – 20%	b. Term Tests	20 – 70%	c. Computer Labs	0 – 30%	d. Participation/Attendance	0 – 5 %	e. Final Exam	20 - 40%
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e. Final Exam	20 - 40%									
<p>R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR</p> <p>None</p>										

 Course Designer(s)

 Education Council / Curriculum Committee Representative

 Dean / Director

 Registrar