



**EFFECTIVE: SEPTEMBER 2002**

**CURRICULUM GUIDELINES**

**A:** Division: **INSTRUCTIONAL** Date: **February 2002**

**B:** Department/ **COMMERCE & BUSINESS ADMIN.** New Course  Revision   
 Program Area: **Computer Information Systems**

If Revision, Section(s) Revised: **H**

Date Last Revised: **2001-06: F,J,M,N,P,R**  
**1999-10: J**  
**1998-02: I**

**C: CISY 210 D: VISUAL BASIC I E: 3**

Subject & Course No.	Descriptive Title	Semester Credits												
<p><b>F:</b> Calendar Description:            This course covers Visual Basic 6.0. It includes form design, control manipulation, properties management as well as programming methods used in Visual Basic. Public and private subroutines, user and built-in functions, as well as variables and their scope are discussed.</p>														
<p><b>G:</b> Allocation of Contact Hours to Types of Instruction/Learning Settings</p> <p>Primary Methods of Instructional Delivery and/or Learning Settings:</p> <p><b>Lectures and Seminars</b></p> <p>Number of Contact Hours: (per week / semester for each descriptor)</p> <p><b>Lecture: 2 Hours</b>  <b>Seminar: 2 Hours</b>  <b>Total: 4 Hours</b></p> <p>Number of Weeks per Semester:</p> <p><b>15 Weeks X 4 Hours Per Week = 60 Hours</b></p>	<p><b>H:</b> Course Prerequisites:</p> <p>CISY 110 and effective September 2002, English 12 with a letter grade of "C" or better of approved equivalents.</p>													
	<p><b>I:</b> Course Corequisites:</p> <p><b>NIL (except for CISY program student, CISY 110 will be allowed as a co-requisite)</b></p>													
	<p><b>J:</b> Course for which this Course is a Prerequisite:</p> <p>CISY 270 and CISY 510 and CISY 540</p>													
	<p><b>K:</b> Maximum Class Size:</p> <p><b>35</b></p>													
<p><b>L:</b> PLEASE INDICATE:</p> <table border="0"> <tr> <td><input type="checkbox"/></td> <td>Non-Credit</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>College Credit Non-Transfer</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>College Credit Transfer:</td> <td>Requested <input type="checkbox"/></td> <td>Granted <input checked="" type="checkbox"/></td> </tr> </table>			<input type="checkbox"/>	Non-Credit			<input type="checkbox"/>	College Credit Non-Transfer			<input checked="" type="checkbox"/>	College Credit Transfer:	Requested <input type="checkbox"/>	Granted <input checked="" type="checkbox"/>
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SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS ([www.bccat.bc.ca](http://www.bccat.bc.ca))

**M:** Course Objectives/Learning Outcomes

The student will be able to:

1. understand the concepts of logic preparation;
2. recognize the benefits of both procedural and event driven languages;
3. understand the basics of GUI design;
4. work with Visual Basic Forms, ToolBox controls and Properties;
5. be competent to design and create Windows programs using the Visual Basic programming language;
6. Design and program a completely documented Visual Basic project

**N:** Course Content

1. Introduction to Visual Basic 6.0.
2. Problem solving tools
3. Visual Basic controls
4. Fundamentals of programming in Visual Basic.
5. Decision making techniques and code
6. Arrays
7. Sequential & random file handling
8. Visual Basic graphics
9. Data management using data bound, DAO, and ADO methods
10. Functions, methods, events, data types, and operators

<b>O:</b>	<p>Methods of Instruction</p> <p>The Visual Basic Programming Language concepts and techniques will be discussed and demonstrated in a lecture / lab seminar format . The students will design, code, key and execute their programs.</p>										
<b>P:</b>	<p>Textbooks and Materials to be Purchased by Students</p> <p>Introduction To Programming Using Visual Basic 6.0, Fourth Edition by David Schneider Prentice Hall</p>										
<b>Q:</b>	<p>Means of Assessment</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Lab Assignments</td> <td style="text-align: right;">25% - 40%</td> </tr> <tr> <td>Quizzes</td> <td style="text-align: right;">10% - 30%</td> </tr> <tr> <td>Midterm Examination</td> <td style="text-align: right;">20% - 30%</td> </tr> <tr> <td>Final Examination</td> <td style="text-align: right;"><u>5% - 30%</u></td> </tr> <tr> <td></td> <td style="text-align: right;"><u><u>100%</u></u></td> </tr> </table>	Lab Assignments	25% - 40%	Quizzes	10% - 30%	Midterm Examination	20% - 30%	Final Examination	<u>5% - 30%</u>		<u><u>100%</u></u>
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<b>R:</b>	<p>Prior Learning Assessment and Recognition: specify whether course is open for PLAR</p> <p>Yes - Challenge exam</p>										

<p>Course Designer(s)</p> <p style="text-align: center;">R. Coolidge</p>	<p>Education Council/Curriculum Committee Representative</p>
<p>Dean/Director</p> <p style="text-align: center;">J. Sator</p>	<p>Registrar</p> <p style="text-align: center;">P. Angus</p>