



EFFECTIVE: JANUARY 2005
CURRICULUM GUIDELINE

A. Division: **Instructional** Effective Date: **November 2004**

B. Department / Program Area: **Commerce and Business Admin. Information Technology** Revision New Course

If Revision, Section(s) Revised:
Date of Previous Revision:
Date of Current Revision:

C: **ITEC 1165** D: **Visual Basic .NET I** E: **3**

Subject & Course No.	Descriptive Title	Semester Credits
F: Calendar Description: This course is an introduction to programming using Visual Basic .NET. It includes form design, control manipulation, properties management as well as programming methods used in Visual Basic .NET environment.		
G: Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings: Lecture and Laboratory Number of Contact Hours: (per week / semester for each descriptor) Lecture 4 hours Seminars 4 hours Number of Weeks per Semester: 12 weeks	H: Course Prerequisites: None	
	I: Course Corequisites: None	
	J: Course for which this Course is a Prerequisite ITEC 1265	
	K: Maximum Class Size: 20	
L: PLEASE INDICATE: <input type="checkbox"/> Non-Credit <input type="checkbox"/> College Credit Non-Transfer <input checked="" type="checkbox"/> College Credit Transfer: SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)		

M:	Course Objectives / Learning Outcomes The student will be able to: <ol style="list-style-type: none"> 1. describe the process of program design and development; 2. describe the concepts of logic preparation; 3. recognize and explain the benefits of procedural, event driven, and object oriented languages; 4. explain the basics of GUI design; 5. work with Visual Basic Forms, ToolBox controls and Properties; 6. be able to design and create Windows programs using the Visual Basic .NET programming language; 7. design and program, using classes, a completely documented Visual Basic .NET project. 												
N:	Course Content: <ol style="list-style-type: none"> 1. Introduction to the Visual Basic .NET environment and architecture 2. Problem solving tools 3. Visual Basic controls 4. Decision making techniques and code 5. Variables and Arrays 6. Classes 7. Complex Control structures and controls 8. Procedures and Functions 9. Modules, methods, events, data types, and operators 												
O:	Methods of Instruction The topics will be covered through in-class lectures, seminar sessions, laboratory assignments, reading, and research.												
P:	Textbooks and Materials to be Purchased by Students Bradley, Julia Case; Millspaugh, Anita, <i>Programming in Visual Basic .NET</i>; Latest Ed. McGraw-hill Irwin												
Q:	Means of Assessment <table style="margin-left: 40px;"> <tr> <td>Lab Assignments</td> <td>20 – 35%</td> </tr> <tr> <td>Quizzes</td> <td>0 – 20%</td> </tr> <tr> <td>Participation</td> <td>0 – 5%</td> </tr> <tr> <td>Midterm examination</td> <td>25 – 30%</td> </tr> <tr> <td><u>Final examination</u></td> <td><u>25 – 30%</u></td> </tr> <tr> <td>TOTAL</td> <td>100%</td> </tr> </table>	Lab Assignments	20 – 35%	Quizzes	0 – 20%	Participation	0 – 5%	Midterm examination	25 – 30%	<u>Final examination</u>	<u>25 – 30%</u>	TOTAL	100%
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TOTAL	100%												
R:	Prior Learning Assessment and Recognition: specify whether course is open for PLAR Yes												

 Course Designer(s) **Adrienne Watt**

 Education Council / Curriculum Committee Representative

 Dean / Director **R. Coulson**

 Registrar **T. Angus**

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Date of New Course: October 2004