

EFFECTIVE: SEPTEMBER, 2007 CURRICULUM GUIDELINES

A.	Division:	Education	Ef	fective Date:	September 2007
B.	Department / Program Area:	Commerce & Business Admin. Computing Science And Information Systems	Re If I Re Da	vision Revision, Section(s) vised: te of Previous Revision:	New Course X
C:	CSIS2365	D: ASP.NET	Da	te of Current Revision:	E: 3
	Subject & Cour	rse No.	Descri	ptive Title	Semester Credits
F:	Calendar Description: This course will provide the student with an in-depth understanding of the object-oriented world of Visual Basic .NET. Topics will include advanced Jet database manipulation, definition and use of classes, and World Wide Web integration using ASP .NET. Note: <i>Students who have received credit for CISY2365 will not receive further credit by taking CSIS2365</i> .				
G:	Allocation of Co / Learning Settin Primary Method Learning Setting	ontact Hours to Type of Instruction lgs s of Instructional Delivery and/or (s:	on H: Course Prerequisites: CSIS1175 or CISY1165 or CMPT1101 and (CSIS2200 or CISY2200)		
	Lectures and Seminars Number of Contact Hours: (per week for each		I:	Course Corequisites: Nil	
	descriptor) Lecture: Seminar: Total:	2 Hours per week 2 Hours per week 4 Hours per week	J: K:	Course for which this Co Nil Maximum Class Size:	urse is a Prerequisite:
	Number of Weel	ours per Week = 60 Hours		35	
L:	PLEASE INDIC Non-Credit College Cr X College Cr SEE BC TRANS	ATE: t edit Non-Transfer edit Transfer: SFER GUIDE FOR TRANSFER DE	ETAIL	S (www.bctransferguide.ca	a)

M:	Course Objectives / Learning Outcomes				
	The student will be able to:				
	1) apply ADO .NET to Windows Forms and ASP .NET;				
	2) build web applications using ASP .NET;				
	3) validate form data using server-side validation controls;				
	4) create Windows based applications that interact with a database using server-side programming;				
	5) create dynamic Web applications that interact with a database using server-side programming;				
	6) integrate selected advanced topics in a Visual Basic .NET project;				
	7) create re-usable server components to retrieve data from Jet engine.				
N:	Course Content				
	1) Review of VB .NET essentials				
	2) Use of Windows files to store data				
	3) Advanced ADO .NET programming: creating and manipulating databases as complex structured objects				
	4) Introduction to XML for transporting data between formats				
	5) Web applications in ASP .NET				
	6) Introduction to ASP, web servers, web clients, ASP .NET IDE				
	7) IIS, managing web projects, file location, creating a virtual directory				
	8) ADO .NET, connection object, data reader, data Adapter, command object				
	9) Web server controls				
0:	Methods of Instruction:				
	Lecture, seminar, and hands-on exercises in the lab				
P:	Textbooks and Materials to be Purchased by Students				
	Kip Irvine & Tony Gaddis. Advanced Visual Basic 2005. Latest edition. Addison Wesley.				
Q:	Means of Assessment				
	Assignments (Minimum: 3) 20% - 35%				
	Participation 0% - 5%				
	Tests/Quizzes (Minimum: 2) 25% - 40%				
	Final Examination <u>25% - 30%</u>				
	Total <u>100%</u>				
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: Rosilyn G. Coulson

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