

<b>Course Name</b>	<b>Visual Programming</b>	<b>Course Code</b>	<b>315 COMP-3</b>			
<b>Credit Hours</b>	<b>3</b>	<b>Contact Hours</b>	<b>Theory</b>	<b>Lab</b>	<b>Total</b>	
			<b>2</b>	<b>2</b>	<b>4</b>	
<b>Offered as</b>	<input type="checkbox"/> University Requirement <input type="checkbox"/> College Requirement <input checked="" type="checkbox"/> Program Requirement			<input type="checkbox"/> Required <input checked="" type="checkbox"/> Elective		
<b>Offered in</b>	<input checked="" type="checkbox"/> BS - Computer Science <input type="checkbox"/> BS – Information Systems <input type="checkbox"/> BS - Computer & Network Engineering					
<b>Level</b>	<b>7</b>	<b>Prerequisite</b>	<b>NIL</b>			
<b>Course Description:</b> This course introduces the .Net framework and Visual C# language basic concepts (Statements, Exceptions, Methods, Arrays, Class, Objects, Interface, and Namespaces) to develop windows applications. This course also covers C#'s event driven programming concepts, windows forms, controls, multithreading, and data handling. Also introduces the web application development with ASP.NET.						
<b>Course Objectives:</b> <ul style="list-style-type: none"> <li>◆ Define the .NET Framework and its components to the students.</li> <li>◆ Explain the basic problem solving techniques using different control structures and procedures to the students.</li> <li>◆ Describe how to analyze a problem and propose a solution to fix that problem.</li> <li>◆ Illustrate how to develop database application using various GUI controls and ADO.NET.</li> <li>◆ Demonstrate how to apply the principles of programming in application development.</li> <li>◆ Explain methods and techniques to develop windows based projects using C#.</li> </ul>						
<b>Grading</b>	<input checked="" type="checkbox"/> <b>Exam-1</b>	<b>10%</b>	<input type="checkbox"/> <b>Exam-2</b>	<b>N/A</b>	<input checked="" type="checkbox"/> <b>Assignment(s)</b>	<b>10%</b>
	<input checked="" type="checkbox"/> <b>Final</b>	<b>40%</b>	<input checked="" type="checkbox"/> <b>Lab Exam</b>	<b>20%</b>	<input checked="" type="checkbox"/> <b>Mini Project</b>	<b>20%</b>
<b>Text Book:</b> <b>Visual C# 2012 How to Program</b> , International Edition, Harvey Deitel and Paul Deitel , Pearson, 5th Edition, 2013, ISBN: 9780273793304.						
<b>References Book:</b> <ol style="list-style-type: none"> <li>1. C# 4.0: The Complete Reference, Herbert Schildt, The McGraw Hill, 1st Edition, 2010, ISBN: 9780071741163.</li> <li>2. ADO.NET 4 database programming with C#, Ged Mead &amp; Anne Boehm, Murarch Publication, 4th Edition, 2011, ISBN: 9781890774639.</li> </ol>						