وَزَارَةُالتَّعْلِيمِ العَالِي وَالبَحْثِ العِلِمّي

جامِعَةُالآنبار

إِكلِيَّةِ عُلُومِ الحَاسُوبِ وَتَكنُولُوجِيا المَعلُومَات

قِسِمُ انظِمّة شَبكَات الحَاسُبو

إِكلِيَّةِ عُلُومِ الحَاسُوبِ وَتَكنُولُوجِيا المَعلُومَات

Department of Computer Networks Systems
Course Description Form

Course Title: Web Application Development I

Course Code:

Semester: I

Level: B.Sc.

Class: 4th

Academic Year: 2022/2021

Course Instructor: Prof. Dr. Ali Makki Sagheer

Academic status: Professor

Place of work: College of Computer Science and Information Technology

Credit Hours: 3 hours

Instructor Office Hours: 3 hours

E-mail (Official): ali_makki@uoanbar.edu.iq

Mobile Number: +964(0)7700073940

Objectives:

1. Course Description:

2. ASP Net is a web application framework developed and marketed by Microsoft to enable developers to construct dynamic websites. It permits you to utilize a full-featured shows language such as C# or VB.NET to build internet applications easily. ASP.NET is a free web framework for developing Web sites and Web applications using HTML, CSS and JavaScript. Moreover, it is a technology for developing, deploying, and running Web applications. ASP.NET is a part of the Microsoft .NET Framework, so all .NET Framework features are available to ASP.NET applications. That means, when you developing ASP.NET applications you have access to classes in the .NET Framework.

3. Methods of Teaching:

Interaction lectures, presented slide show lectures and assignments.

4. Assessment Method:

Reports, activities and workshops.

5. Recommended Text Books and References:

A. Textbook: Beginning ASP.NET 4: in C# and VB, by Imar Spaanjaars

B. Other References:

1) Murach's ASP.NET 4.6 Web Programming with C# 2015, 6th Edition, by Anne Boehm, Mary Delamater.

2) Professional ASP.NET 4.5 in C# and VB, by Christian Wenz, Jason N. Gaylord, Pranav Rastogi, Scott Hanselman, Todd Miranda.

Ministry of Higher Education & Scientific Research

University of Anbar

**College of Computer Science
and Information Technology**

Computer Networks Systems Department

وَزَارَةُالتَّعَّلِيمِالعَالِي وَالبَحْثِ العِلْمِي

جَامِعَةُالأَنبَار

إِكُلِيَّةٍ عُلومِ الحَاسُوو وَتِكُنُولُوجِيَا المَعلُومِ تا

قِسِمُ انظِمَة شَبَكاتِ الحَاسُ وَ

إِكُلِيَّةٍ عُلومِ الحَاسُ وَو وَتِكُنُولُوجِيَا المَعلُومِ تا

3) <u>Lecture Schedule:</u>

Weeks	Topics
Week 1	**Introduction: Asp.Net Overview**
Week 2	**ASP.NET Configurations**
Week 3	**ASP.NET State Management 1:** **ASP.NET View State** **ASP.NET Session State**
Week 4	**ASP.NET State Management 2:** **ASP.NET Cookies** **ASP.NET Caching**
Week 5	**ASP.NET Web Controls 1:** **Label Control** **Button Control** **Textbox Control**
Week 6	**ASP.NET Web Controls 2:** **DropDownList Control** **Listbox Control**
Week 7	**ASP.NET Web Controls 3:** **Checkbox Control** **RadioButton Control** **LinkButton Control**
Week 8	**ASP.NET Web Controls 4:** **Image Control** **Calander Control** **Treeview Control**
Week 9	**Midterm Exam**
Week 10	**ASP.NET Statements 1:**

	if else statements
	switch case
	ASP.NET Exceptions
Week 11	**ASP.NET Statements 2:**
	for loop
	foreach loop
	while loop
Week 12	**ASP.NET Collection 1:**
	ASP.NET ArrayList
	ASP.NET HashTable
Week 13	**ASP.NET Collection 2:**
	ASP.NET Stack
	ASP.NET Queue
Week 14	**ASP.NET Collection 3:**
	ASP.NET Array
	ASP.NET List
Week 15	**Application Project**
	Final Exam