

<b>UAN:</b>	F/602/6353
<b>Level:</b>	2
<b>Credit value:</b>	10
<b>GLH:</b>	80
<b>Endorsement by a sector or regulatory body:</b>	This unit is endorsed by e-skills UK.
<b>Aim:</b>	<p>The aim of this unit is to provide the underpinning knowledge required for the learner to sit the relevant Microsoft exam associated with this unit. In order to do this the learner will learn about different web applications and they will learn to work with data and service.</p> <p>The learner will also learn to understand how to debug web applications and will learn to work with client side scripting and how to configure the deployment of a web application.</p>

<b>Learning outcome</b>
The learner will:
1. Be able to programme web applications
<b>Assessment criteria</b>
The learner can:
1.1 Customize the layout and appearance of a Web page
1.2 Understand ASP.NET intrinsic objects
1.3 Understand state information in Web applications
1.4 Understand events and control page flow
1.5 Understand controls
1.6 Understand configuration files

<b>Learning outcome</b>
The learner will: 2. Be able to work with data and services
<b>Assessment criteria</b>
The learner can: 2.1 Read and write XML data 2.2 Distinguish between DataSet objects and DataReader objects 2.3 Call a service from a Web page 2.4 Understand DataSource controls 2.5 Bind controls to data by using data-binding syntax 2.6 Manage data connections and databases

<b>Learning outcome</b>
The learner will: 3. Be able to troubleshoot and debug web applications
<b>Assessment criteria</b>
The learner can: 3.1 Debug a Web application 3.2 Handle Web application errors

<b>Learning outcome</b>
The learner will: 4. Be able to work with client-side scripting
<b>Assessment criteria</b>
The learner can: 4.1 Understand client-side scripting 4.2 Understand AJAX concepts

<b>Learning outcome</b>
The learner will: 5. Be able to configure and deploy web applications
<b>Assessment criteria</b>
The learner can: 5.1 Configure authentication and authorization 5.2 Configure projects and solutions and reference assemblies 5.3 Publish Web applications 5.4 Understand application pools