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# Expression – Advanced

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National Competency Standard (ICA05):  
ICAB5165B Create dynamic web pages



## Objectives

Upon completion of this course, attendees will be able to use Microsoft Expression to create more sophisticated web sites using a variety of features such as forms and dynamic layers.

## Pre-Requisites

Those attending this course should have attended or have equivalent skills to NDA's Microsoft Expression – Introductory course.

## Duration

2 days

## Course Outcomes

1. Author standards-compliant web pages and choose the right XHTML doctype for your web sites, create insert and modify code snippets, correct code and schema related errors.
2. Create basic rollovers, apply behaviours, specify the events and actions that comprise behaviours, create custom rollovers and apply the Swap Images behaviour to create rollovers and disjoint rollovers.
3. Create layers and assign IDs, position layers, control the stacking order of layers, set specific values to position a layer precisely, control layer visibility and create dynamic layers.
4. Create layout tables and layout cells to build a page layout, draw layout cells, create a fluid layout and apply basic formatting options to layout tables and cells.
5. Create forms and insert and modify a variety of input fields, create a basic ASP.NET form and apply ASP.NET input validation controls.
6. Discuss the basics of dynamic web sites and database connectivity, create master pages and attach content pages to a master and insert an XML Data View in a web page.
7. Apply basic search engine optimisation, check for browser compatibility problems and unused and undefined CSS styles, redirect a browser to an alternate version of a page, optimise a site using Reports and locate, understand and fix accessibility problems.

## Optional Assessment

**This is a nationally recognised training program.** Participants who successfully complete the optional assessment component of this course will receive a Statement of Attainment for the unit of competency outlined above (additional fee applies). Participants who choose not to be assessed will receive a Certificate of Attendance. The case study assignment is completed in the participant's own time.

## Course Content

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### Standards-compliant web sites

- Standards compliance
- Code snippets and Intellisense

### Interactive content

- Interactive buttons
- Behaviours
- Custom rollovers

### Layers

- Creating layers
- Layer visibility

### Layout tables

- Creating layout tables
- Working with layout tables

**Web forms**

- Creating forms
- ASP.NET controls

**Data-driven pages**

- Dynamic pages
- Master pages
- Data views

**Site management**

- Basic search engine optimisation
- Error control
- Reports
- Accessibility

**Web design project**