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| Title | **Develop website using client side scripting languages** |
| Level | **4** | **Credits** | **10** |

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| Purpose | The competency standard is designed to assist to use JavaScript, html and cascading style sheets in a website System. |

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| Classification ISCED | 0613 Software and applications development and analysis |

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| Available grade | Competent / Not yet competent |

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| Modification history | N/A |

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| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** |
| **F1: Write HTML for a website** | **The trainee will be able to:****P1.** Write Hypertext Mark-up Language (HTML) of a website**P2.** Implement HTML concepts such as:* Elements
* HTML Editors
* Attributes
* Headings
* Paragraphs
* Formatting
* Links
* Head
* Images Tables
* Lists
* Block
* Layout
* Forms
* IFrames
* Colours
* Entities
* URL Encode
* Form
* Media
* Object
* Audio
* Video.
 | **The trainee will be able to:****K1.** Define the Hypertext Mark-up Language (HTML)**K2.** Elaborate the implementation process of the HTML concepts |

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|  | **P3.** Implement HTML in software such as:* Macromedia Dreamweaver/ Microsoft FrontPage.
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| **F2: Use JavaScript in a website** | **The trainee will be able to:****P1.** Demonstrate client side scripting language**P2.** Implement JavaScript**P3.** Implement the basic Java Scripting concepts such as JavaScript Statements* Objects
* Output
* Comments
* Variables
* Data Types
* Functions
* Operators
* Comparisons
* Conditions
* Switch
* For Loop
* While Loop
* Breaks
* Errors
* Validation
 | **The trainee will be able to:****K1.**Define client side scripting language**K2.** Explain Java Script**K3.**Illustrate the implementation process of the basics Java Script concepts |

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|  | * Window
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| **F3: Implement Cascading Style Sheets (CSS) in a website** | **The trainee will be able to:****P1.** Apply Cascading Style Sheets (CSS)**P2.** Implement the basic concepts of CSS such as:* CSS Syntax
* Id & Class
* Styling of Backgrounds
* Text
* Fonts
* Links
* Lists and Tables
* CSS Border
* Outline
* Margin
* Padding
* Dimension
* Positioning
* Floating
* Align
* Colours
* Colour HEX

**P3.** Implement CSS usage:* Macromedia Dreamweaver / Microsoft FrontPage
 | **The trainee will be able to:****K1.**Define and explain Cascading Style Sheets (CSS)**K2.**Elaborate the implementation process of the basic concepts of CSS |