

Web Development - Course Study Sheet

Course: Web Development Cluster: Computing and Data

Combines semantic HTML, CSS layout, browser JavaScript, accessibility, HTTP, and secure deployment basics.

Five-module course map

Module	Active evidence to produce
1. semantic documents	Explain the central idea, complete an application, diagnose one plausible error, and connect it to the next module.
2. responsive CSS	Explain the central idea, complete an application, diagnose one plausible error, and connect it to the next module.
3. browser programming	Explain the central idea, complete an application, diagnose one plausible error, and connect it to the next module.
4. HTTP and forms	Explain the central idea, complete an application, diagnose one plausible error, and connect it to the next module.
5. accessibility and security	Explain the central idea, complete an application, diagnose one plausible error, and connect it to the next module.

Reliable learning method

define user task, build semantic structure, style progressively, add behavior, test keyboard and device access, and validate input

Representative application

Create an accessible form that preserves labels, reports errors clearly, and safely handles client-side state.

Weekly study cycle

1. Preview the objective and write two questions. 2. Attend or engage and capture decisions rather than every sentence. 3. Reconstruct the main idea within 24 hours. 4. Complete independent practice. 5. Analyze the first unsupported move on each error. 6. Use feedback. 7. Schedule a delayed mixed recheck.

Self-check before moving on

Can you explain the idea without notes, complete a fresh task, detect a near-miss, verify the result, and state a limitation? Watch especially for: optimizing appearance before semantics, accessibility, validation, performance, or safe data handling.

What to save

a responsive web page with accessibility checks, tests, and implementation notes

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