

# Week 6 — Evolution of Web & React Crash Course

**May 5 – May 9**


## What We're Covering

The pivot from back-end to front-end. Day 1 covers the evolution of web programming — from static pages to SPAs to server components. Day 2 is an HTML/React crash course to get you ready for the front-end sprints.

## Readings

- [Evolution of Web Programming](#)

## Due This Week

 **Quiz 6 — Due: Sunday, May 10 at 11:59 PM**

[Canvas](#) · [Site](#)

Covers: Evolution of Web Programming

 **Check-Off: React Tutorial — Due: Sunday, May 10 at 11:59 PM**

[Canvas](#) · [Site](#)

Complete the official React Tic Tac Toe tutorial.

 **Sprint 4 — Due: Sunday, May 10 at 11:59 PM**

[Canvas](#) · [Site](#)

Back-end deployed to public URL, all routes documented, all tests passing.

## What You Should Be Working On

- **Sprint 4** – this is your back-end production sprint. Deploy, document, test. Your API should be complete. See [Deploying a Web API with Database](#) for deployment guidance.
  - **React Tutorial check-off** – get hands-on with React before the front-end sprints begin.
  - **Review the front-end guides** – [HTML, CSS & the DOM](#) and [React Fundamentals](#) will prepare you for the front-end sprints.
  - **Read the Week 6 reading** and take Quiz 6.
  - **AI Diary** – log your Week 6 entry.
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## Learning Objectives & Course Outcomes

### Syllabus Learning Objectives addressed this week:

- **L01:** Design and implement RESTful web APIs using a server-side framework
- **L04:** Build interactive front-end applications using a component-based framework
- **L05:** Deploy full-stack applications to cloud infrastructure
- **L07:** Collaborate in teams using version control workflows, sprint milestones, and code review

### Course Outcomes:

- **Inquiry and Critical Thinking** – modes of inquiry, analysis, and critical synthesis
  - **Communication/Self-Expression** – collaboration to solve problems and advance knowledge
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## Lecture Recaps

- Tuesday – *Coming soon*
- Thursday – *Coming soon*