

Course Syllabus

Asynchronous JavaScript

We are glad you have joined us for this course! Here is some information that will help you to navigate your learning platform and locate course content.

Joining the Session

Before the first live session please confirm that you can access Zoom:

1. Visit <https://support.zoom.us> and click on **Getting Started**.
2. Attn Percipio Users - The **Join live course** option is available where you registered for the session in Percipio 15 minutes prior to the start of class.

Course Description

JavaScript is a single-threaded scripting language. This means that if a function takes some time to finish, that function may hold up the entire program, even the browser. This bootcamp addresses this issue and demonstrates various situations where this may become a problem. Of course, we also demonstrate the solutions using callback functions, the Promise object and the Observable.

Target Audience

Newer JavaScript programmers with at least 2 years working experience.

Agenda

- After completing this course participants will have an awareness of the problem that long-running processes present and their respective solutions.
- Learners will use code involving the Promise object
- The Observable, a more advanced solution, will be discussed and demonstrated

Topics

Day01

Part 1 – Callback Functions

Part 2 –Example with Promise Object

Part 3 – Async and Await

Part 4 – Error Handling

Part 5 – API Calls with fetch()

Day02

Part 1 – JSON Server

Part 2 – Post Requests

Part 3 - Promise Methods

Part 4 - RxJS Library and Observables

Part 5 - Observables in Action

Part 6 - Removing Observables

Bonus (time permitting) – Observables in Angular

Technical Support

We offer 24/7 support if you need assistance with your Percipio or Skillport learning platforms. To access support, click the initials of your profile and select “Help”.

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