



Course Syllabus

Introduction to React

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

React is an open-source JavaScript library developed by Meta for building dynamic and reactive interfaces for web applications. It allows developers to create complex UIs from small, isolated pieces of code called "components," which control their own state and updates. React's declarative nature and component-based architecture simplify the development of scalable and maintainable front-end applications.

Target Audience

Newer React and JavaScript programmers with at least 2 years working experience.

Agenda

- After completing this course participants will be able to create a project folder and complete starter files for a React project
- Participants will be able to start a simple React project
- Learners will be able to add components to a React application
- Users will be able to add a mock database to the app
- The app will add login and navigation features

Topics

Day01

- React setup
- Adding components
- Developing the header component
- The container component
- The footer
- Implementing router
- Constructing the root/home path
- Component organization

Day02

- JSON-server
- Database dump
- Making a get request
- Showing the results
- Register form
- Preparing form values
- Storing form values

Technical Support

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Percipio

The screenshot displays the Percipio Skillsoft user interface. At the top, the Skillsoft logo is on the left, a search bar is in the center, and user profile icons (trophy, bell, globe, grid, and initials 'CM') are on the right. A left-hand navigation menu lists: Home, Library, What's New, My Learning, Live learning, Role Advisor, Certifications, Skill Benchmarks, AI Simulations, AI Assistant, My Settings, Help, and Log Out. The main content area features a 'FEATURED VIDEO' titled 'Quality Assurance versus Quality Control' with a 'Learn More' button. Below this is a section with tabs for 'Role', 'Recent Learning', 'Live Learning', 'Skill Benchmarks', 'Playlists', and 'Goals'. The 'Role' tab is active, showing a 'Get better at your role!' message and a 'Visit your Role Advisor' button. To the right, under 'LEARNING OF THE WEEK', is a 'JOURNEY INTRODUCTION' card with links for 'Skilling Strategy | Syllabus & Video' and 'Introductory', and a 'Start now!' link. At the bottom, a section for 'Recommendations for the Month' is partially visible.