

## **Course Syllabus**

### **Introduction to NodeJS**

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**

NodeJs allows developers to create a web server using only JavaScript as a language and other JavaScript libraries as necessary for their projects. In this course we will get a view into how NodeJS works and how libraries can be attached to the original project. This type of flexibility allows scalability and expandability for small to medium sized projects.

### **Target Audience**

Newer JavaScript programmers with at least 2 years working experience.

### **Agenda**

- After completing this course participants will be able to start a simple web server
- Learners will find and implement libraries to enhance their server
- Participants will work with APIs from the point of view of the server

### **Topics**

#### **Day01**

part 01 – Verify nodejs  
part 02 – Building a simple nodejs app  
part 03 – Introduction to node packages and express  
part 04 – Routing basics  
part 05 – Installing Nodemon  
part 06 – Decomposing routes  
part 07 – Decomposing controllers

## 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

## 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”.

## Percipio

The screenshot displays the Percipio Skillsoft learning platform interface. At the top, there is a search bar and a navigation bar with icons for a trophy, a bell, a globe, a grid, and a user profile. The user profile icon is highlighted with a red box. Below the navigation bar, the main content area is divided into several sections. On the left, there is a 'Main menu' with a list of items: 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 central area features a 'FEATURED VIDEO' titled 'Quality Assurance versus Quality Control' with a 'Learn More' button. Below this, there is a 'Role Advisor' section with a 'Visit your Role Advisor' button. To the right of the Role Advisor, there is a 'LEARNING OF THE WEEK' section titled 'JOURNEY INTRODUCTION' with a 'Start now!' button. At the bottom, there is a 'Recommendations for the Month' section.