

T02 – JAVASCRIPT WITH FLIPPED CLASSROOM

1. CONCEPT

The lectures in this module begin with a prior preparation involving the following steps:

- i. The teacher shares a set of recommended resources for study.
- ii. The student accesses the resources and studies at their own pace during the week.
- iii. The communication channel on Teams is used by all to clarify doubts.
- iv. In the face-to-face theoretical class, concepts learnt are discussed.
- v. In the practical classroom, concepts are applied through practical exercises.

2. GETTING READY FOR CLASS T02

In this module 1B we will use a resource accessible through the O'Reilly Learning platform, available for free to members of the University of Aveiro (<https://learning.oreilly.com/>). To do so, ensure that you register with your institutional email and follow the steps for authentication with the University of Aveiro.

The selected resource is in video format and is entitled "HTML CSS and JavaScript for Beginners - A Web Design Course", by Laurence Svekis (<https://learning.oreilly.com/videos/html-css-and/9781838551278/>)

For class T02 of this module, which will take place on 6th October 2022, you should study all the contents of "Chapter 4: Learn JavaScript Section". The videos in this chapter last approximately two hours.

When you post questions/comments in Teams, please identify the corresponding video (title and URL).

3. DIFFICULTIES WITH HTML AND/OR CSS?

The previously mentioned book has a Chapter 2 on HTML and a Chapter 3 on CSS. It is recommended that students with a need to remember these concepts also study these chapters, especially if they identify some topic in the index that they no longer remember very well.

This study can run in parallel with the contents of the following classes and will be more relevant for the next module of the UC.