The course will introduce methods, technologies and principles for managing data on the web, exchanging data between remote applications, and representing information to users. The course will also teach methods for managing information in a multi-user environment, and how to build server applications for such an environment.

The course will go through different aspects of developing a web application, such as client side – HTML, XML and the DOM. CSS, Javascript and how they all interact to create dynamic pages. Servers – principles of programming a server, interacting with a relational database and managing a multi-user environment, specifically in web servers. The students will also work with a full-stack platform and study the principles behind it.

There will be five HW assignments, where the last two will compose the final project which will be presented to the course's staff. The final grade consists of the grades for the five assignments and the final project's presentation.