

Introduction to Web Programming (IWP)

Lecture 0: Course Presentation

- you maybe think that **Introduction to Computer Programming** was fun...
- well, **Introduction to Web Programming** (IWP) will be even **more** fun!
- we will learn how to make advanced web sites using the standard Web tools such that:
 - HTML
 - CSS
 - PHP
 - JavaScript

Syllabus

We will (try to) study:

- **HTML:** the markup language to describe the content of web pages
- **CSS:** the (Cascading Style Sheet) language to set up the style of web pages
- **PHP:** the (PHP: Hypertext Preprocessor) programming language to make dynamic web sites
- **JavaScript:** a client-side programming language to make web pages interactive

Covering all those topics in two weeks is super challenging... but we are all **good**, aren't we?



Course organisation

- we have 3 hours class a day (mostly afternoon)
- we alternate slides presentation and assignment on the computer
- we start the assignment in class and you have to complete and turn it as homework
- you'll have a final quiz of 60 minutes (scheduled for Saturday March 2)
- you'll have a web project to turn in later

Grading system

Grading breakdown

- **Homeworks:** 30%
We will have about 8 homeworks
- **quizz:** 35%
1 hour paper-based quizz, will cover about all the content of the course
- **web project:** 35%
 - to be done by team of 3 students
 - consists in designing a substantial web site

Communication

- course web page: [on the eLearning platform](#)
- email: marc.gaetano@yahoo.fr, if you need to contact me
- face-to-face: please do **not** hesitate to ask questions!

Course material

- recommended **Textbooks**:
 - *HTML&CSS design and build websites* by John Duckett
 - *Learning PHP, MySQL, JavaScript, CSS & HTML5* by Robin Nixon
 - *PHP Cookbook, Third Edition* by David Sklar and Adam Trachtenberg
- **Softwares**:
 - *EasyPHP*: a complete (local) web server
 - *Sublime Text 3*: a features rich text editor with syntax coloring
 - *Firefox*: the famous web browser from Mozilla. We'll try **not** to use *Internet Explorer* which doesn't comply with the web standards developped by the World Wide Web Consortium (W3C)
 - *Chrome*: another good option
- **course pages**: check the slides of the course!

Credits

Most of the teaching material of this course has been borrowed, adapted and/or inspired by the course *Web Programming* from University of Washington. The original slides are from Marty Stepp, Jessica Miller and Victoria Kirst.

The HTML slides are built using the S5 toolbox, *A Simple Standards-Based Slide Show System* originally designed by Eric A. Meyer (see <http://meyerweb.com/>)