**REPORT**

**WEB 1🡪** Web design is the visual look of a website and the functionality from a user's perspective. ... Web development is the process of coding a website to create the intended design using programming languages like CSS, HTML, JavaScript, Python, Ruby on Rails, and more.

**WEB 2🡪** WebD2 is an introduction to the design, creation, and maintenance of web pages and websites. Students learn how to critically evaluate website quality, learn how to create and maintain quality web pages, learn about web design standards and why they're important, and learn to create and manipulate images. A web designer is a graphic artist who is responsible for designing the layout, usability, and visual appearance of a website. A web developer is someone who builds and maintains the core structure of a website. A successful web designer must possess an array of creative, graphic, and technical skills.

**LS 1🡪** The <script> HTML element is used to embed executable code or data; this is typically used to embed or refer to JavaScript code. The <script> element can also be used with other languages, such as WebGL's GLSL shader programming language and JSON. ... Dynamic script such as text/javascript.

**LS 2🡪** The script is an organizing and structural tool, a reference and a guide that helps everyone involved in the production. 2. The script communicates the idea of the film to everyone concerned with the production, and it tries to do this clearly, simply, and imaginatively.

**IC 1🡪** Interactive content is content that is specifically intended for user interaction. Certain elements in HTML have an activation behavior, which means that the user can activate them. The content attribute gives the value associated with the http-equiv or name attribute.

**IC 2🡪** Interactive Elements (IEs) are **premium functionality features**. These elements can help organize content, make your website more engaging, and enhance the user's experience. Interactive Elements are available as add-ons to Made to Order templates and are pre-built into Design Ready templates.

**DATABASE MANAGEMENT SYSTEM🡪**

What is Database Management? Database management refers to the actions a business takes to manipulate and control data to meet necessary conditions throughout the entire data lifecycle. Some DBMS examples include MySQL, PostgreSQL, Microsoft Access, SQL Server, FileMaker, Oracle, RDBMS, data BASE, Clipper, and FoxPro.

**FUNDAMENTAL OF PROGRAMMING🡪** Programming involves activities such as analysis, developing understanding, generating algorithms, verification of requirements of algorithms including their correctness and resources consumption, and implementation (commonly referred to as coding) of algorithms in a target programming language

Structure of HTML Documents and HTML Document Tags. The first thing in your HTML document is a <! ...

HTML Syntax (elements) Each HTML tag consists of an opening and a closing , that is, <name> .

Document Structure Tags.

List Tags.

Table Tags.

Image Tags.

Tags for Links.

HTML Block and Inline elements.

**COLOR AND CONCEPTS🡪**

Color theory is a multitude of categories, definitions and concepts. This tutorial covers the parts that are most useful for web design:

Primary, Secondary, and Tertiary Colors

Color Wheels (RGB, CMY, RYB)

Color Hue, Lightness and Saturation

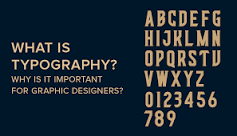
**DIGITAL PHOTOGRAPHY🡪** Digital photography is the process of using electronic and computing appliances to capture, create, edit and share digital. digital photography is used to capture and analyze data in thousands of other fields as well, from nature photographers documenting never-before-seen flora and fauna to revolutionaries snapping and sending photos that will spark change, proving that digital photography truly is one of the most important

**WEB MARKETING🡪** Web marketing is the process of using the Internet to market your business. It includes the use of social media, search engines, blogging, videos, and email. ... Drilling down into it, web marketing takes many forms. Banner ads, email promotions, and social media posting are three of the ones you have probably heard about. A website is a great marketing tool. It represents your business on the Internet and it's one of the most important digital marketing channels you can use to get more traffic or make more sales. Every business that wants to succeed online needs to have a clearly defined website marketing strategy.

**USER INTERFACE DESIGN🡪** (UI) is a series of pages, screens, buttons, forms and other visual elements that are used to interact with the device. Every app and every website has a user interface. The user interface property is used to change any element into one of several standard user interface elements. They include both input devices like keyboard, mouse, trackpad, microphone, touch screen, fingerprint scanner, e-pen and camera and output devices like monitors, speakers and printers. Devices that interact with multiple senses are called "multimedia user interfaces"

**TYPOGRAPHY🡪** Web typography” refers to the appearance of all the text on your website. It includes basic CSS text properties like what font to use and whether it should be italic or not, but typography is much more than that. It's about the space between and around letters, words, and lines.

typography used

[[](https://www.google.com/search?rlz=1C1CHBF_enCA944CA944&output=search&tbm=isch&q=Why+is+typography+used?&source=iu&ictx=1&fir=s6VXaUQLH3W-sM%252C9fXcz6FKwVZIJM%252C_&vet=1&usg=AI4_-kSNETd__S-D134L47DfNV6f8Dp9Vg&sa=X&ved=2ahUKEwja98nuyqX1AhUTlYkEHS2iBQwQ9QF6BAgJEAE#imgrc=s6VXaUQLH3W-sM)](https://www.google.com/search?rlz=1C1CHBF_enCA944CA944&output=search&tbm=isch&q=Why+is+typography+used?&source=iu&ictx=1&fir=s6VXaUQLH3W-sM%252C9fXcz6FKwVZIJM%252C_&vet=1&usg=AI4_-kSNETd__S-D134L47DfNV6f8Dp9Vg&sa=X&ved=2ahUKEwja98nuyqX1AhUTlYkEHS2iBQwQ9QF6BAgJEAE" \l "imgrc=s6VXaUQLH3W-sM)

For designers, typography is **a way to use text as a visual to convey a brand message**. This design element is important for graphic designers not only to build personality, convey a message but also to grab the viewer's attention, build a hierarchy, brand recognition, harmony and establish value and tone of a brand.

**LAYOUT FUNDAMENTALS🡪** An HTML layout is a blueprint used to arrange web pages in a well-defined manner. It is easy to navigate, simple to understand and uses HTML tags to customize web design elements. Crucial for any website, an HTML layout that uses the correct format will easily improve a website's appearance. HTML is the only way to display the content on web page. ... In Simple HTML tags have not only job of displaying your content on web page but also making relationship content to content.

<header> - Defines a header for a document or a section.

<nav> - Defines a set of navigation links.

<section> - Defines a section in a document.

<article> - Defines an independent, self-contained content.

<aside> - Defines content aside from the content (like a sidebar)

**AUDIO AND VIDEO🡪** Audio, video and embed tags are used to insert sound and video into a website. HTML5 offers the option to play content without add-ons. The HTML5 <audio> and <video> tags make it simple to add media to a website. You need to set src attribute to identify the media source and include a controls attribute so the user can play and pause the media.

**PHOTOSHOP🡪** Adobe Photoshop is the predominant photo editing and manipulation software on the market. Its uses range from the full-featured editing of large batches of photos to creating intricate digital paintings and drawings that mimic those done by hand.

Photoshop Skills for Beginner Photographers

Non-Destructive Editing in Photoshop. ...

Discover Adjustment Layers. ...

Instant Automatic Photo Fixes. ...

Make Your Photos Pop With Levels. ...

Clean Up Shots With the Spot Healing Brush. ...

Remove Unwanted Objects From Your Photos. ...

Make Your Shots Black and White. ...

Crop Your Photos.

**ILLUSTRATOR 🡪**

The illustration is a picture which tries to get the person looking at it to pay more attention to the subject than to the art. Illustrations can be in the form of a drawing, painting, photograph or other work of art. Illustrations often have one of two purposes. ... illustration can also be a story based on drawings.

**SERVER SIDE TECHNOLOGIES🡪** The term 'server-side technologies' can encompass a range of software solutions, mainly: server-side scripting languages; Database Management Systems (DBMS); web server software such as Apache; and many other technologies depending upon the application being built. What is the main point of server side scripting.

A server-side script is processed on the web server when the user requests information. These kinds of scripts can run before a web page is loaded. They are needed for anything that requires dynamic data, such as storing user login details.

**DYNAMIC WEBSITE DESIGN🡪** In this course I learn many things. Many people prefer Drupal, Joomla or a customs solution

BUT WordPress is most probably the most popular CMS system in use. I learn how we can Create the basics of a custom WordPress theme

WordPress must first be installed WP being PHP = you have to work online or on a virtual server such as MAMP

Create a database

• Using phpMyAdmin (MAMP), create a new database (your project's name)

Step 4 : Install WordPress

• Launch the installation application and follow the instructions :

Database informations needed :

• Database's name

• MySQL user name and password

• Database's address (localhost on MAMP)

• Table prefix to be used

Creation of the admin account :

• Web site's title

• User name and password

• Admin's email address

• Search engine visibility options