



intro to html/css

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objectives

THIS PROJECT IS A FREE WAY OF INTRODUCING THE BASICS OF HTML AND CSS.

- The project will use [W3Schools](#) free tutorials. 
- Most students in class have little experience with code and will be greatly informed by this simple project that demands no creative expression. This project will not make you fluent in the two coding languages, but should allow a basic understanding.
- *If you are already good with code, you will fly through this project. If you would like to move on to javascript or another coding language, please see Prof. Nikki before beginning.*
- This project also obviously relates to Project 2 and its vocabulary terms, while Project 4 is the creation of a basic 404 page guided by basic html/css (and maybe javascript).

DOES UI/UX DESIGN REQUIRE CODING?

ANSWER 1:

- **The answer is no.** UI/UX design is one among numerous non-technical roles in tech that doesn't require any coding or programming skills. **However, having previous experience in coding or programming skills is beneficial** as communicating with developers is made easier. - [SOURCE](#)

ANSWER 2:

- **No, you don't need to know how to code** to be a UX/UI designer. You may have heard that user interface design requires programming, but nothing could be further from the truth. In fact, in most cases, what is happening is that design is being confused with programming.
- So remember that the UX/UI designer is responsible for ideating and planning the user experience, as well as designing user interface prototypes, while the programmer is the one who takes those designs and makes them a reality through coding and web programming.
- **However, it should be noted that a UX/UI designer with basic programming knowledge can use it to their advantage** when designing and, above all, it will be useful for facilitating communication with the web development team during the implementation phase of their design. It is not something that is essential to

becoming a UX/UI designer and being excellent at your job, it will simply serve as another support. - [SOURCE](#)

ANSWER 3:

- **UI Designers do not need to code, but it is extremely beneficial if you have programming skills.** Depending on the nature of the product, it's also not unusual for UI/UX design and development to be intertwined into a single process. So although design and development do require different skill sets, knowing both is becoming more and more crucial to the tech and design industry. Web Developers need to understand the design needs of what they are coding, and UI Designers need to understand what designs are possible from the backend....
- So it's **very much to a UI Designer's benefit to be able to think like a Developer and use the language of development**—of deadlines and budgets and what technology can and can't do.
- **What Languages Are Used for UI Design?** While there isn't a specific language used for UI design, if you're designing for the web, you'll benefit greatly from a good foundation in **HTML** and **CSS**, even if it's just to be able to communicate with your team. In any almost imaginable UI design scenario, you'll be working in an environment full of programmers who code the things you design. The more effectively you can communicate your ideas to the development team, and the more effectively they can communicate their ideas to you, the better it is for everyone. - [SOURCE*](#) *selling coding certificate

As explained in the syllabus, grade sheets will be returned with rubrics and brief comments. By each rubric point, CR, 1/2 CR, or No CR will be listed.

OVERALL:

- Directions were followed accurately.
- Participation in all class and/or one-on-one discussions.
- Time management. All work turned in on time or before due date(s).
- Ambition. The overall evolution of work shows commitment and creative problem-solving.

QUIZ:

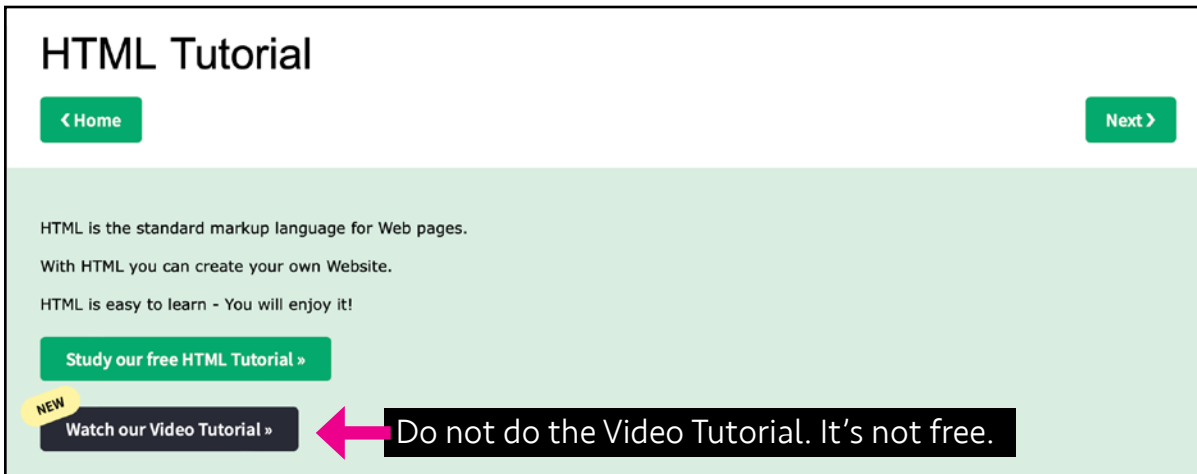
- **HTML/CSS Quiz over material.**

A 90-100% = CR | B 80-90% = 1/2 CR | C (or below) 80% and lower = NoCR

SELF-EVALUATION:

- **Directions were followed accurately.**
- [No spelling or grammar mistakes.](#)
- Work displays significant, unrushed efforts of critical thinking and self-reflection.

BASIC HTML TUTORIAL



<https://www.w3schools.com/html/default.asp>

Go through all of the steps of the HTML Tutorial. See the next page in relation to the page's side index to understand what is and is not required.

Take notes while you complete it because there will be a quiz when finished. The quiz given is more than what is on the W3 site, though it is excellent practice for the final quiz.

DUE > WHAT • WHEN • WHERE

Both HTML and CSS Tutorials all **DUE** by **11:00am** on **Tues Mar 26**.

Final Quiz using your notes will be on **Thurs Mar 28**.

- **REQUIRED:** All of the **HTML Tutorial** section is required to complete for this project.
- **REVIEW:** **HTML Forms**, **HTML Graphics**, and **HTML Media**.
- **OPTIONAL:** **HTML API's** and **HTML Examples** are optional.
- **HTML References** contain multiple *very* useful collections!

HTML Tutorial

HTML HOME

[HTML Introduction](#)
[HTML Editors](#)
[HTML Basic](#)
[HTML Elements](#)
[HTML Attributes](#)
[HTML Headings](#)
[HTML Paragraphs](#)
[HTML Styles](#)
[HTML Formatting](#)
[HTML Quotations](#)
[HTML Comments](#)
[HTML Colors](#)
[HTML CSS](#)
[HTML Links](#)
[HTML Images](#)
[HTML Favicon](#)
[HTML Page Title](#)
[HTML Tables](#)
[HTML Lists](#)
[HTML Block & Inline](#)
[HTML Div](#)
[HTML Classes](#)
[HTML Id](#)
[HTML Iframes](#)
[HTML JavaScript](#)
[HTML File Paths](#)
[HTML Head](#)
[HTML Layout](#)
[HTML Responsive](#)

[HTML Responsive](#)
[HTML Computercode](#)
[HTML Semantics](#)
[HTML Style Guide](#)
[HTML Entities](#)
[HTML Symbols](#)
[HTML Emojis](#)
[HTML Charsets](#)
[HTML URL Encode](#)
[HTML vs. XHTML](#)

HTML Forms

[HTML Forms](#)
[HTML Form Attributes](#)
[HTML Form Elements](#)
[HTML Input Types](#)
[HTML Input Attributes](#)
[HTML Input Form Attributes](#)

HTML Graphics

[HTML Canvas](#)
[HTML SVG](#)

HTML Media

[HTML Media](#)
[HTML Video](#)
[HTML Audio](#)
[HTML Plug-ins](#)
[HTML YouTube](#)

HTML APIs

[HTML Geolocation](#)
[HTML Drag/Drop](#)
[HTML Web Storage](#)
[HTML Web Workers](#)
[HTML SSE](#)

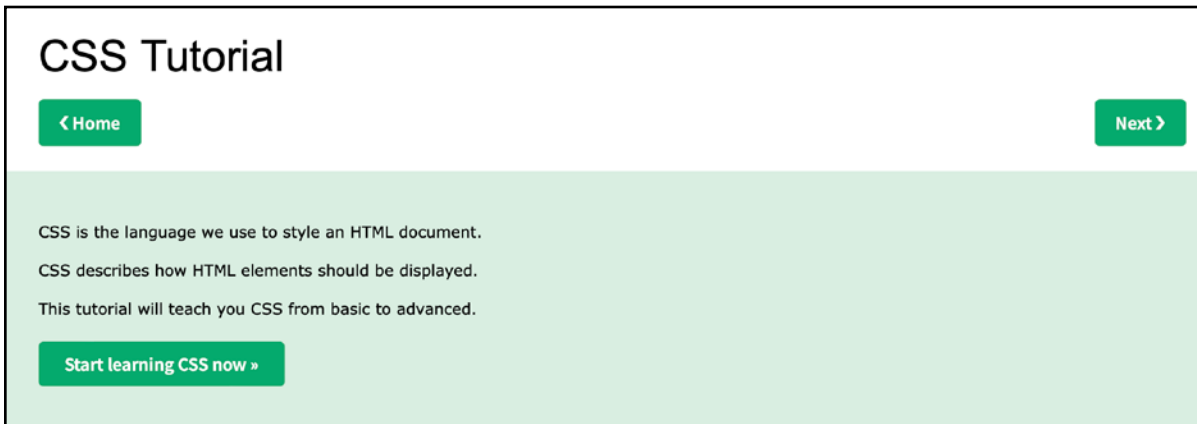
HTML Examples

[HTML Examples](#)
[HTML Editor](#)
[HTML Quiz](#)
[HTML Exercises](#)
[HTML Website](#)
[HTML Bootcamp](#)
[HTML Certificate](#)
[HTML Summary](#)
[HTML Accessibility](#)

HTML References

[HTML Tag List](#)
[HTML Attributes](#)
[HTML Global Attributes](#)
[HTML Browser Support](#)
[HTML Events](#)
[HTML Colors](#)
[HTML Canvas](#)
[HTML Audio/Video](#)
[HTML Doctypes](#)
[HTML Character Sets](#)
[HTML URL Encode](#)
[HTML Lang Codes](#)
[HTTP Messages](#)
[HTTP Methods](#)
[PX to EM Converter](#)
[Keyboard Shortcuts](#)

BASIC CSS TUTORIAL



<https://www.w3schools.com/css/default.asp>

Go through all of the steps of the CSS Tutorial. See the next page in relation to the page's side index to understand what is and is not required.

Take notes while you complete it because there will be a quiz when finished. The quiz given is more than what is on the W3 site, though it is excellent practice for the final quiz.

DUE > WHAT • WHEN • WHERE

Both HTML and CSS Tutorials all **DUE** by **11:00am** on **Tues Mar 26**.

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CSS Tutorial

CSS HOME

CSS Introduction
CSS Syntax
CSS Selectors
CSS How To
CSS Comments
CSS Colors
CSS Backgrounds
CSS Borders
CSS Margins
CSS Padding
CSS Height/Width
CSS Box Model
CSS Outline
CSS Text
CSS Fonts
CSS Icons
CSS Links
CSS Lists
CSS Tables
CSS Display
CSS Max-width
CSS Position
CSS Z-index
CSS Overflow
CSS Float
CSS Inline-block
CSS Align
CSS Combinators
CSS Pseudo-class
CSS Pseudo-element
CSS Opacity
CSS Navigation Bar
CSS Dropdowns
CSS Image Gallery
CSS Image Sprites
CSS Attr Selectors
CSS Forms
CSS Counters
CSS Website Layout
CSS Units
CSS Specificity
CSS !important
CSS Math Functions

- **REQUIRED:** All of the **CSS Tutorial** section is required to complete for this project.
- **HIGHLY SUGGESTED:** **CSS Advanced**, **CSS Responsive**, **CSS Grid**.
- **OPTIONAL:** **CSS SASS** and **CSS Examples**.
- **CSS References** contain multiple *very* useful collections!

CSS Advanced

CSS Rounded Corners
CSS Border Images
CSS Backgrounds
CSS Colors
CSS Color Keywords
CSS Gradients
CSS Shadows
CSS Text Effects
CSS Web Fonts
CSS 2D Transforms
CSS 3D Transforms
CSS Transitions
CSS Animations
CSS Tooltips
CSS Style Images
CSS Image Reflection
CSS object-fit
CSS object-position
CSS Masking
CSS Buttons
CSS Pagination
CSS Multiple Columns
CSS User Interface
CSS Variables
CSS Box Sizing
CSS Media Queries
CSS MQ Examples
CSS Flexbox

CSS Responsive

RWD Intro
RWD Viewport
RWD Grid View
RWD Media Queries
RWD Images
RWD Videos
RWD Frameworks
RWD Templates

CSS Grid

Grid Intro
Grid Container
Grid Item

CSS SASS

SASS Tutorial

CSS Examples

CSS Templates
CSS Examples
CSS Editor
CSS Snippets
CSS Quiz
CSS Exercises
CSS Website
CSS Bootcamp
CSS Certificate

CSS References

CSS Reference
CSS Selectors
CSS Functions
CSS Reference Aural
CSS Web Safe Fonts
CSS Animatable
CSS Units
CSS PX-EM Converter
CSS Colors
CSS Color Values
CSS Default Values
CSS Browser Support

self-evaluation

At the conclusion of this project, look back at your performance and see what your **challenges** and **accomplishments** are. Also, consider how you will apply this knowledge to future projects.

This Self-Evaluation form is completed on [THIS GOOGLE FORM](#). It is turned in to the professor when you click SUBMIT at the end.

DUE BY 11:59pm on Fri Mar 29. It is required for your Project 3 grade.