**Handout #2 - CSS**

**Properties**

| property | description |
| --- | --- |
| display | how an element is displayed: none, block, inline, flex |
| background | background color or image |
| color | text color |
| border | how the border around the content will look |
| margin | whitespace outside the element's border |
| padding | whitespace inside the element's border |
| width | the width of the element |
| height | the height of the element |
| box-sizing | how the width and height of the element is calculated |
| font | completely replace the current font |
| font-family | change the current font family |
| font-size | change the current font size |
| font-weight | change the current font boldness |
| font-style | change the current font italization |
| text-decoration | none, underline, overline, line-through |
| border-radius | round the corners of any box |
| text-shadow | drop-shadow for text (x y blur color) |
| box-shadow | drop-shadow for boxes (x y blur spread color) |

**Measurements**

| measurement | description |
| --- | --- |
| px | pixel, varies with screen density |
| pt | point, approximately 1/72 inch |
| % | relative % |
| em | relative to current font size |
| rem | relative to root font size |
| vw | 1vw = 1% of viewport width |
| vh | 1vh = 1% of viewport height |

**Some items intentionally omitted**

**Handout #2 - CSS**

**Selectors**

| selector | description |
| --- | --- |
| \* | "Universal" Selector - select all elements |
| foo | Type Selector - select elements of a specific type |
| .foo | Class Selector - select elements that have a specific class |
| #foo | ID Selector - select the element with a specific ID |
| foo bar | Descendent Selector - select elements that are inside of other elements |
| foo > bar | Direct Child Selector - select elements that are directly inside of other elements |
| foo, bar | Selector List - select multiple groups of elements |

**Media Queries**

| media query | description |
| --- | --- |
| @media only screen { | only apply these styles on devices that have a screen |
| @media only print { | only apply these styles when printing |
| @media only speech { | only apply these styles for speech synthesizers (aka. screen readers) |
| @media only screen and (min-width: 900px) { | only apply these styles on screens wider than 900px |
| @media only screen and (prefers-color-scheme: dark) { | only apply these styles in dark mode |

**Some items intentionally omitted**