

HTML5 and CSS3

ICT 580

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Lesson 10
Next Steps

Course Evaluation Survey!

Lesson Outcomes



By the end of this lesson, you will be able to:

- Create basic animation using CSS
- Implement google fonts on your site
- Implement font awesome icons on your site

Linking to Google fonts



For custom fonts you can link to google fonts:

Link to the font in the head of your HTML file

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Font+Name">

 Refer to the font-name in your CSS Stylesheet: font-family: 'Font Name', serif;

Linking to the Font Awesome Icon Library



- Font Awesome provides free icons for you to use in your site
 - Link to the icon library in the head of your HML document link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.1/css/all.css" integrity="sha384-50oBUHEmvpQ+1lW4y57PTFmhCaXp0ML5d60M1M7uH2+nqUivzlebhndOJK28anvf" crossorigin="anonymous">
 - 2. Choose the icon you want to display https://fontawesome.com/icons?d=gallery
 - Click on the icon you want to use.
 - 4. The link will open in a pop up and provide the code required to use in your page. Example: <i class="fas fa-address-card"></i></i>



Adding animation – name the animation

- The animation-name property sets the name of the animation you want to trigger
 - animation-name: myanimation;



Adding animation – @keyframes

 The @keyframes property defines what the named animation does

```
@keyframes myanimation {
    ...
}
```



Adding animation – from and to

 The from and to properties define what the properties are at the start of the animation and what properties are at the end of the animation

```
@keyframes myanimation {
          from {
                do this;
        }
                do this;
        }
}
```



Adding animation – 0% - 100%

 The % (percent) property allows you to have multiple keyframes in an animation. You can set any number between 0% to 100% to define when the properties listed occur



Adding animation – animation-duration

- The animation-duration property sets the amount of time an animation takes from start to finish
 - animation-duration: 4s;



Adding animation

- animation-iteration-count
- The animation-iteration-count property defines how many times the animation will repeat
 - animation-iteration-count: 3;
 - animation-iteration-count: infinite;





In this class we discussed:

- Linking to Google fonts
- Linking to the Font Awesome Icon Library
- Animation



Questions?