**IDM 250: Content Management Systems**

**Week 03**

**https://www.awwwards.com/websites/?countries=U.S.A.&categories=portfolio**

[**https://www.alexcoven.com/**](https://www.alexcoven.com/#reph)

[**https://ueno.co/**](https://ueno.co/)

[**http://langlois.design/**](http://langlois.design/)

[**http://shantellmartin.art/**](http://shantellmartin.art/)

[**http://jen.lu/airwick**](http://jen.lu/airwick)

[**http://nickboes.com/**](http://nickboes.com/)

[**http://hannahpurmort.com/about**](http://hannahpurmort.com/about)

[**http://arielwenzhang.com/**](http://arielwenzhang.com/)

[**http://rolfjensen.no/**](http://rolfjensen.no/)

[**http://www.glasshoff.com/**](http://www.glasshoff.com/)

[**http://aaronporter.co/**](http://aaronporter.co/)

**Review Midterm for next week & “Designing Your Style”**

**What is a Theme?**

A Theme defines how the user will see your site's content. It controls how the content is presented. You have options in choosing themes:

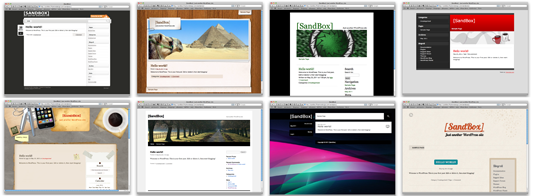
* use one of the default themes
* install one from the WP Directory
* purchase one from a vendor
* used a framework as a parent theme, and design your own child theme
* design your own

With Themes you control the styling of your WordPress site from the style and design to what content shows up on each page. Each Theme has its own set of template files which WordPress uses to display the information, both that you code into the site by hand and information stored on the database such as Posts and Pages.

One of the best ways to understand themes is to find a pre-made theme that is similar to the layout that you want, install it, then start modifying it to look exactly the way you want.

**GOLDEN ORDER of Wordpress site modifications:**

1. **Dashboard (easy, point and click)**
2. **CSS (medium, style sheet edit)**
3. **PHP (changelling, php code modifications)**



**Finding Themes**

The official **WordPress Theme Directory** can be found at http://wordpress.org/extend/themes/. Or you can go to the appearance/themes section of your WordPress install then click on the Install Themes tab on the right. This page allows you to search the WP Theme Directory and download and install the theme all from within the admin.

There are a lot of WordPress Theme vendors that also offer both free and paid themes depending upon the functionality of the theme and sophistication of the design. Some of the most popular sites are:

* http://wordpress.org/extend/themes/
* https://themeforest.net/
* http://www.studiopress.com/
* http://www.elegantthemes.com/
* https://colorlib.com/wp/themes/
* http://www.fabthemes.com/most-voted/
* https://freewpthemes.com/

There are also wordpress theme development frameworks. These are built to be used as parent/child themes. Some argue that these speed up development time by allowing you can focus on the design and have to worry about the functionality. Again, some are free, and some require a fee.

**Introduction to PHP**

**Presentation-1-introduction**

<http://chelmyers.com/php-intro/presentation-1-introduction.html>

**Presentation-2-basics**

<http://chelmyers.com/php-intro/presentation-2-basics.html#/>

* Create .php file locally
* Create html

<?php

$greeting = "Hello";

echo $greeting;

?>

* Upload and checkout
* [chelmyers.com/php-demo.php](http://chelmyers.com/php-demo.php)
* Continue through slides
* Concatenate greeting
  + $greeting = "Hello";
  + $name = "Chelsea";
  + echo $greeting . ' ' . $name;
* What is ++?
* Create array of favorite characters
  + $characters = ['Finn', "Steven Universe", "Rick"];
  + print\_r($characters);
  + echo $characters[0];
* Add <p> tags to print outs

**Presentation-3-control\_structures**

<http://chelmyers.com/php-intro/presentation-3-control_structures.html#/>

* Create condition if $name
  + if($name){
  + echo '<p>True: Name is ' . $name;
  + }
* Check if it works
* Create else
  + else {
  + echo '<p>False: No name given.</p>';
  + }
* == comparison
  + if($name == 'Chelsea'){
  + echo 'It is Chelsea';
  + } else {
  + echo 'It is not Chelsea';
  + }
* Array Foreach loop
  + $characters = ['Finn', "Steven Universe", "Rick"];
  + foreach ($characters as $item) {
  + echo $item . ' | ';
  + }
* For loop
  + for($i=0; $i < count($characters); $i++){
  + echo $characters[$i] . '|';
  + }
* For loop w/ conditional
  + for($i=0; $i < count($characters); $i++){
  + if($i == count($characters) - 1){
  + echo $characters[$i];
  + } else {
  + echo $characters[$i] . " | ";
  + }
  + }
* PHP Key Values
  + $characters = [
  + 'Finn' => 'Human',
  + 'Steven Universe' => 'Human/Gem Hybrid',
  + 'Rick' => 'Human'
  + ];
  + foreach($characters as $key => $description){
  + echo '<p>' . $key . ' is a ' . $description . '.</p>';
  + if($description != 'Human') {
  + echo '<p> Wow! A '. $description . '!</p>';
  + }
  + }
* Functions
  + $greeting = "Hello";
  + function greet($name){
  + echo 'Hello ' . $name . '!';
  + }
  + greet('Chelsea');
* Includes
  + Create header.php
  + Put meta in it
  + <?php include 'header.php'; ?>

<http://chelmyers.com/wbdv243-demo/>

<?php

$characters = ['Finn', 'Steven Universe', 'Kermit'];

for($i=0; $i < count($characters); $i++){

echo $characters[$i] . '<br/>';

}

$descriptions = [

'Bugs' => 'bunny',

'Daffy' => 'duck',

'Speedy' => 'the fastest mouse'

];

foreach ($descriptions as $key => $description) {

echo "<p>$key is $description</p>";

}

?>

--

**Homework:**

**Midterm  
WORK**

* Redesign your website with the idea of conversion for use with a database driven Content Management System. All of your static web page images should look exactly like you want your website pages to look like when the theme is complete.
* Create the following:
  + Homepage
  + Small screen homepage at 400px
  + Page 01 of your choice
  + Page 02 of your choice

**SUBMIT**

* **WBDV243\_wk04\_midterm01.pdf**