

# January 2020

Monday	Tuesday	Wednesday	Thursday	Friday
		1	2	3
6	7 <b>CLASS 1</b> Course Overview and PHP Review	8 <b>CLASS 2</b> PHP and Debugging	9 <b>LAB 1</b> PHP Review	10
13 <b>CLASS 3</b> JavaScript and Debugging	14	15 <b>CLASS 4</b> Bootstrap Review  Bootstrap 3 Website Documentation	16 <b>LAB 2</b> JavaScript Review	17

Monday	Tuesday	Wednesday	Thursday	Friday
20 <b>HOLIDAY</b>	21	22 <b>CLASS 5</b> Ajax Review	23 <b>LAB 3</b> Ajax Review	24
27 <b>CLASS 6</b> Building APIs  Methods of obtaining data dynamically	28	29 <b>CLASS 7</b> Better Ajax  Lets discuss how to make a more generic Ajax Function	30 <b>LAB 4</b> Intro API  Create a framework to provide data to both server side and browser (Ajax) clients	31

## February 2020

Monday	Tuesday	Wednesday	Thursday	Friday
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Monday	Tuesday	Wednesday	Thursday	Friday
3 <b>CLASS 8</b> Visualizing Interesting Data	4	5 <b>CLASS 9</b> Accessing Interesting Data	6 <b>LAB 5</b> Building our API   Working towards standardizing our API	7
10 <b>EXAM 1</b> 6wk Exam   Exam covers PHP, JavaScript, HTML, CSS, Ajax, APIs, and Google Charts. You should be able to write and debug HTML, CSS, JavaScript, and PHP.	11	12 <b>CLASS 10</b> Working With Databases   How do we import lots of data into a database?	13 <b>LAB 6</b> Building a Framework   Lets work to get debugging with MySQL	14

Monday	Tuesday	Wednesday	Thursday	Friday
17 <b>HOLIDAY</b>	18	19 <b>CLASS 11</b> Understanding the Database Object through Documentation  Lets take a moment to understand the mysql database object	20 <b>LAB 7</b> Building a Framework Part 2  Lets modify our framework to combine our API, database, and web work under a single umbrella.	21
24 <b>CLASS 12</b> Better Tables and Charts  Lets look at other table and chart libraries	25	26 <b>CLASS 13</b> Topic Presentation	27 <b>LAB 8</b> Where is the NavBar?  Why don't we have Navigation Bars by default! Lets build a generic NavBar buildder.	28

March 2020

Monday	Tuesday	Wednesday	Thursday	Friday
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Monday	Tuesday	Wednesday	Thursday	Friday
<p>2</p> <p><b>CLASS 14</b> Storing Sessions</p> <p>Saving and Retrieving the SESSION with the Database</p>	<p>3</p>	<p>4</p> <p><b>CLASS 15</b> Topic Presentation</p>	<p>5</p> <p><b>LAB 9</b> Finishing the Framework</p> <p>It's time to finish the framework so we can start working on making amazing websites. <b>Due in 2 weeks</b></p>	<p>6</p> <p><b>EXTRA-CREDIT 1</b> Web Templates</p> <p>Are you interested in boosting your grade a bit, convert a few Bootstrap templates to our framework</p>
<p>9</p> <p><b>HOLIDAY</b></p>	<p>10</p> <p><b>HOLIDAY</b></p>	<p>11</p> <p><b>HOLIDAY</b></p>	<p>12</p> <p><b>HOLIDAY</b></p>	<p>13</p> <p><b>HOLIDAY</b></p>
<p>16</p> <p><b>CLASS 16</b> jQuery 1 - Intro</p> <p>Visit the w3schools jQuery tutorial.</p>	<p>17</p>	<p>18</p> <p><b>CLASS 17</b> Topic Presentation</p>	<p>19</p> <p><b>LAB 10</b> Mini Project</p>	<p>20</p> <p><b>EXTRA-CREDIT 2</b> Scripts</p> <p>We could use a few framework compatible scripts</p>

Monday	Tuesday	Wednesday	Thursday	Friday
23 <b>CLASS 18</b> Topic Presentation	24	25 <b>PROJECT DISCUSSION</b>	26 <b>LAB 11</b> jQuery	27
30 <b>EXAM 2</b> 12wk Exam	31			

April 2020

Monday	Tuesday	Wednesday	Thursday	Friday
		1 <b>CLASS 19</b> jQuery 4 - Events	2 <b>LAB 12</b> jQuery II	3

Monday	Tuesday	Wednesday	Thursday	Friday
<p>6</p> <p><b>CLASS 20</b> jQuery 5 - Basic Animations</p>	<p>7</p>	<p>8</p> <p><b>CLASS 21</b> jQuery 6 - Plug-ins Mini-lab</p>	<p>9</p> <p><b>LAB 13</b> jQuery III</p>	<p>10</p>
<p>13</p> <p><b>CLASS 22</b> jQuery 7 - Repeating Events</p>	<p>14</p>	<p>15</p> <p><b>CLASS 23</b> jQuery 8 - Basic Graphics</p>	<p>16</p> <p><b>LAB 14</b> jQuery IV</p>	<p>17</p>
<p>20</p> <p><b>CLASS 24</b> ADVANCED TOPIC</p>	<p>21</p>	<p>22</p> <p><b>CAPSTONE 1</b> Capstone Day</p> <p>Instead of coming to class, students are expected to attend capstone events.</p>	<p>23</p> <p><b>PROJECT 1</b> Milestone Review and Project Time</p>	<p>24</p>

Monday	Tuesday	Wednesday	Thursday	Friday
27 SOFS AND CLOSING	28	29	30	

May 2020

Monday	Tuesday	Wednesday	Thursday	Friday
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4	5	6	7	8 <b>EXAM 3</b> Project Presentations  Presentations in Ml223 (Robotics Lab) at 1330 - Be prepared to discuss and demo your projects!



Monday	Tuesday	Wednesday	Thursday	Friday
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29