Code Louisville - October 2020
Front-End Web Development Syllabus

Summary of Requirements for Completion of Code Louisville

The following is a list of the requirements for successfully completing Code Louisville.

1. **Complete the Treehouse Track**
   This includes completing all quizzes and challenges and earning all badges. You will be added to the **Code Lou - Front End 2020** track which contains all the courses. You can also click the links in this document below to go directly to the courses. If you do not see the course added in Treehouse, please contact a staff member to be added. **You should complete the Treehouse courses by your meetup day**, as the topics covered may be discussed by your mentors.

2. **Complete a portfolio project**
   This project must be completed by **Tuesday, January 5th at noon** and must fulfill every requirement listed in the [Project Requirements document](). You should show your project to a mentor well before the due date to ensure requirements are properly met. A link will be sent out via Slack in the last two weeks of class. **You will 'turn-in' your project by completing that survey and providing your GitHub link to your project in the last week of class**.

3. **Attend a minimum of 2 tech events**
   Check [LouisvilleTech.org]() and the #tech-events channel in Code Louisville Slack for a list of eligible events or check with Code Louisville staff if another event you're interested in isn't listed. **To submit your events, complete this form**

   During the COVID-19 pandemic, virtual/remote/online events are allowed.

4. **Attend your weekly meetups (class)**
   You are expected to attend every week, but **you are allowed 3 absences due to unforeseen circumstances and illness**. You must stay for the duration of class, leaving early may result in an absence. Attendance will be taken. If you finish the Treehouse track early, you are still required to attend class.

Class Expectations

Weekly class meetups are in-person, every Wednesday evening from 6:00 PM - 8:00 PM.
Classes will be held at:

> WorkOne New Albany
> 2125 State Street
> New Albany, IN 47150

Social distancing will be observed and masks are required. If for whatever reason you are sick, running a fever, or believe you have been exposed to someone with COVID-19, please stay at home. If you exceed the allowed number of absences due to unforeseen illness or circumstances, please contact us and we will handle it on a case-by-case basis. Due to COVID-19, this situation is fluid and could change any week. If we need to switch to virtual meet-ups, we will do so and provide you the Zoom link.

If we go virtual, here is how to be prepared: Zoom requires you to have a laptop or desktop computer. Chromebooks and Tablets usually will work as well. A microphone and camera are needed to communicate with your mentors and classmates. You will also need a stable internet connection. You are expected to be on camera and to engage with the mentors and other students. Come prepared with questions about the Treehouse assignments, your project, etc.

Class is **not** a lecture where you watch/listen for 2 hours. There will be some activities and presentations, but each week you are expected to bring questions and work on your projects during class time. This is a collaborative environment where we help each other out. Mentors - who are all *volunteer* software development professionals - will be available to answer questions and guide you on your projects.

Additional Resources

If you have a barrier that prevents you from being able to participate in or succeed in your class, please let us know. We are connected with WorkOne Southern Indiana and with other organizations that may be able to help you by providing supportive services. We are here to help you succeed, so please reach out to us.

Code of Conduct

All students and mentors are expected to conform to the Code of Conduct, which can be found here:
https://docs.google.com/document/d/1ZIVRab0JpicfOgCNgoCAZySz71VP2g8p91R8jPMhN8s/edit?usp=sharing.

Violation of the Code of Conduct may result in being removed from the program at the discretion of Code Louisville staff.

Class Summary/Wiki

[Follow this link](#) to find a weekly summary/wiki for the front-end course. You are encouraged to check this each week for a summary of content, helpful articles, and other useful information. *Please note, this wiki **is not official** so any information on it is not to be taken as formal requirements. The syllabus and the project requirements document are the formal place for assignments and requirements.*

Weekly Schedule

Week	Dates	Treehouse Assignments (try and complete by day of class that week)
0	10/07-10/08	Orientation Get started on week 1 videos below
First Treehouse videos are assigned. Look at each week below to see what you should have completed by class time.		
1	10/08-10/13	**Complete prior to class session 10/14:** **Introducing the VS Code Text Editor** **CSS Layout Basics** **Introduction to the Terminal**
First night of meetups.. We will explain more about class and expectation, meet your mentor, learn more about you, and get your computer up and ready to do some software development.		
2	10/14-10/20	**Complete prior to class session 10/21:** **Introduction to Git** **GitHub Basics**
Mentor will lead a demonstration on Git and GitHub and why it's such a critical tool for a developer to learn		
3	10/21-10/27	**Complete prior to class session 10/28:** **Debugging CSS with Chrome DevTools** **Responsive Layouts** **Practice Media Queries** **CSS Flexbox Layout**

Additional Git/GitHub content lead by your mentors		
4	10/28-11/03	**Complete prior to class session 11/04:** **HTML Forms** **Practice Basic Variables, Input and Output in JavaScript** **JavaScript Numbers**
Pick a project idea to work on and bring to class. Practice committing the project and changes to GitHub		
5	11/04-11/10	**Complete prior to 11/11:** **JavaScript Functions**
<mark>***NO CLASS ON WEDNESDAY**</mark> There will be no classes on Wednesday due to the **Veterans Day holiday. Treehouse is still assigned. Any missed classroom content will be covered next week. Other class nights meet as-scheduled.** Don't forget to attend your two networking/tech events and report them here		
6	11/11-11/17	**Complete prior to class session 11/18:** **JavaScript Loops** **JavaScript Arrays** **JavaScript Objects**
<mark>You should have started your project by now</mark> and be incorporating some of the things learned in Treehouse into it		
7	11/18-11/24	**Complete prior to 11/25:** **CSS Selectors**
<mark>***NO CLASS ON WEDNESDAY**</mark> There will be no classes on Wednesday due to the **Thanksgiving holiday. Treehouse is still assigned. Any missed classroom content will be covered next week. Other class nights meet as-scheduled.**		
8	11/25-12/01	**Complete prior to class session 12/02:** **Web Accessibility Compliance** **Website Optimization**
Last week of assigned videos! Some optional, but recommended videos are below if you want to learn some other cool things you can do with HTML and JavaScript.		
9	12/02-12/08	**Optional Courses:** **HTML Tables** **CSS Grid Layout** **Build a Responsive Navigation with Flexbox**

		JavaScript and the DOM **jQuery Basics** **Bootstrap 4 Basics**
		The above courses are all **optional** and will not be tracked by Code Louisville for purposes of completion. They are recommended though, so you can include some more advanced concepts into your projects. Use this time to complete any remaining videos you have left and focus on your project. Double check your Treehouse account to make sure that you've completed all assignments.
10	12/09-12/15	<mark>No more Treehouse assigned</mark> - FOCUS ON YOUR PROJECT!
		Reminder again to get your two networking events in before the end of the session!
11	12/16-12/22	**No in-person meetings** - work on your projects!
		Test your project with someone else's computer to ensure you haven't missed anything that will prevent it from passing the requirements. Have a mentor review your project to ensure it meets the requirements. Consider trying https://pages.github.com/ for one way to get your site online. This is not a requirement, but might be something cool to do for your project!
12	12/23-12/29	Last week! <mark>**Projects are due by January 5th, 2021**</mark>
		<mark>**All projects due no later than January 5th at 12:00 (noon), sharp. Complete the form emailed out to turn in your project.**</mark> Treehouse must be complete as well and networking events must be reported on the form.
13+	January	LinkedIn Workshops and 1-on-1's

Post Graduation: Job Readiness Workshops!

Dates will be announced closer to the end of the session but will be offered in the weeks following graduation with multiple options to choose from.

- ○ **Where:** Info and Zoom links to be sent out in advance of the workshops
- ○ **When:** 6-8pm, varying days will be offered to accommodate your schedules
- ○ **What to bring:** laptop, current digital resume, and have a LinkedIn account set up
- ○ **What we'll do:** Teach you everything we know based on techniques that actually work to support your job hunt!

In-person 1-on-1's with WorkOne Career Coach

To be held after completion of a Job Readiness Workshop

- ★ **1 on 1 Review**
  - ○ **Where:** Virtual or in-person meetings with WorkOne Career Coach
  - ○ **When:** In the weeks following your job hunt seminar, you will have an option for a 30 minute meeting with a WorkOne Career Coach
  - ○ **What to bring:** You should be prepared to share your thoughts on your job aspirations. We will also go over your resume, a sample cover letter, and LinkedIn profile. You should come with questions and discussion topics about your job hunt, resume, or other career questions or else the meeting might be very short!
  - ○ **What we'll do:** A brief review and recommendations for your job hunt materials, some interview questions if you want them, and next steps in your learning and career path.