

# Code Louisville - September 2018

## 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. If any of the items are not completed, you will not be considered a graduate of this course and unable to continue on with the Code Louisville program. Please be sure to ask any questions of Code Louisville staff if you have any concerns about completing the requirements.

1. Complete all Treehouse courses listed in each week below. This includes completing all quizzes and challenges and earning all badges that Treehouse awards for completion. You will be added to the **“Code Lou Front End - Sept 2018”** track in Treehouse which should contain all required courses for you to follow along with, or you can 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 are strongly encouraged to complete the Treehouse courses by your meetup day**, as the topics covered may be discussed by your mentors. This may require starting the curriculum earlier than it is assigned.
2. Complete your personal project. This project must be completed by **Friday, November 16th at noon** and must fulfill every requirement listed in the Project Requirements document. The project requirements and other Code Louisville information can be found on the [Student Resources Wiki](#). 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 this survey and providing your GitHub link** to your project in the last week of class.
3. Attend a minimum of 2 tech events where you meet others involved in technology. Check [LouisvilleTech.org](#) for a list of eligible events or check with Code Louisville staff if another even you’re interested in isn’t listed. After completing the event, message @shannonsiders on Slack or email her ([shannon@codelouisville.org](mailto:shannon@codelouisville.org)) and state which event you attended.
4. Attend your weekly meetups (class). You are highly encouraged to attend every single week, but **more than 3 absences** will result in being removed from the program. You must stay for the duration of class, leaving early may result in an absence. If you need to leave early, please speak with staff prior to the start of class. An option to switch nights and attend class a different day of the week may be available as well.
5. Respond to Talent Development Specialist’s email check-ins throughout the course

## Week 1: Monday, August 27 (Orientation) - Sunday, September 2

### Orientation Night

The Code Louisville team will introduce the program, its requirements and expectations, advice on how to be successful, and some tutorials on the tools we'll be using throughout.

Orientation is not strictly required attendance, but it is very strongly encouraged.

### In-Person:

- ★ **Where:** Louisville Free Public Library, 301 York Street, Louisville, KY 40202. See parking info [here](#). Meters are free starting at 6pm. We'll be in the main auditorium to the left of the York Street building entrance.
- ★ **When:** Monday August 27th, 6:00 - 7:30 p.m. We'll start right at 6:00, so **please arrive early to find parking**
- ★ **What to bring:** Questions and something to take notes on (if you like). No laptop required.
- ★ **No other in-person meetups this week!**
- ★ **You are strongly encouraged to start the assigned Treehouse videos early.** Please look at Week 1 below and use this time to get started!

### Assigned Treehouse Videos:

You should complete videos by the Sunday of the week they are assigned. For example, the videos from this week you should try and complete by Sunday, September 2nd

- ★ [HTML Forms](#)
- ★ [Console Foundations](#)

## Week 2: Monday, September 3 - Sunday, September 9

### **\*\* No MONDAY Meetup due to Labor Day\*\***

If you are on Monday night classes, the first meetup is canceled due to the holiday. Any material covered this week will be covered next week in class but Treehouse videos are still assigned. This will not count as an absence if you are assigned to Monday night classes. Other nights will meet as usual.

#### **Assigned Treehouse Videos:**

- ★ [Git Basics](#)
- ★ [GitHub Basics](#)

#### **In-Person:**

- ★ **First Meetups!**
- ★ **Where:** 252 East Market Street, Louisville, KY 40202. Paid parking at meters (free after 6:00 p.m.!), beside Wild Eggs on Floyd Street, or [anywhere in yellow on this parking map](#).
- ★ **When:** 6:00 - 8:00 p.m. on your assigned night of the week (you picked this on a form a few weeks ago)
- ★ **What to bring:** laptop and questions about the online material or the Code Louisville program
- ★ **What we'll do:** We'll get to know everyone, meet your mentors, offer a few final tips on how to succeed, and we'll make sure everyone gets their programming environment configured so you can continue to learn and follow along with the content.

#### **Git and GitHub:**

- ★ If you still need help with Git, you can of course ask on Slack! But there is another video available on Treehouse you may want to go through:

#### [Introduction to Git](#)

This course is **not required** and won't appear in the Code Lou Front End 2018 track, so you will need to search for it

- ★ Using Git can be very difficult for first timers as it's unlike anything you may have done before. But Git is an invaluable tool to developers, so you should work to become familiar with it.
- ★ **Create your GitHub account if you haven't already done so**
- ★ **Create your first repository on GitHub and upload a project or code snippet you've written, we will also cover this in class**
- ★ **Brownie Points:** Using only Git commands, modify your code and then check-in/upload those changes to GitHub as well

## **Week 3: Monday, September 10 - Sunday, September 16**

### **Assigned Treehouse Videos:**

- ★ [CSS Layout Basics](#)

### **Project:**

- ★ Be thinking of ideas for what you want your final project to be. It could be creating a personal website/portfolio, recreating an already-existing site, the interface for an app, or any other idea you may have. Talk to your mentors about your thoughts!

## **Week 4: Monday, September 17 - Sunday, September 23**

### **Assigned Treehouse Videos:**

- ★ [JavaScript Loops, Arrays and Objects](#)
- ★ [CSS Selectors](#)

### **Networking Reminder:**

- ★ Don't forget you have to attend **TWO tech events** by the end of the session. Check [louisvilletech.org](http://louisvilletech.org) for a good list of options and don't forget to report to @shannonsiders on Slack or [shannon@codelouisville.org](mailto:shannon@codelouisville.org) that you've attended.

## Week 5: Monday, September 24 - Sunday, September 30

### Assigned Treehouse Videos:

- ★ [JavaScript and the DOM](#)
- ★ [Responsive Layouts](#)

### Project:

- ★ Try and find some time to talk with a mentor about your project if you haven't already, just to verify it's appropriate size and difficulty for the course. Start your development if you haven't already! Remind yourself of the project requirements on the [Student Resources Wiki](#)!

## Week 6: Monday, October 1 - Sunday, October 7

### Assigned Treehouse Videos:

- ★ [jQuery Basics](#)
- ★ [CSS Flexbox Layout](#)

### GitHub

- ★ Continue to practice with Git
- ★ Keep your project progress updated on GitHub

### Networking Reminder:

- ★ Don't forget you have to attend **TWO networking events** during the 11 weeks. Check [louisvilletech.org](http://louisvilletech.org) for a good list of options and don't forget to report to @shannon or [shannon@codelouisville.org](mailto:shannon@codelouisville.org) that you've gone!

### Project:

- ★ Keep working on your project! Make sure to commit updates to GitHub regularly! Don't forget about the [Student Resources Wiki](#)!

## Week 7: Monday, October 8 - Sunday, October 14

### Assigned Treehouse Videos:

- ★ [Bootstrap 4 Basics](#)
- ★ [Accessibility](#)
- ★ [Website Optimization](#)

### Project:

- ★ Keep working on your project! Make sure to commit updates to GitHub regularly! Don't forget about the [Student Resources Wiki](#)!

## Week 8: Monday, October 15 - Sunday, October 21

### RECOMMENDED Treehouse Videos:

- ★ [HTML Video & Audio](#) (optional)
- ★ [AJAX Basics](#) (optional)
- ★ [Sass Basics](#) (optional)

★ These courses are **recommended but optional**. AJAX is a way of using JavaScript to communicate with outside resources (commonly called APIs) to pull data into your project. Sass is an extension to CSS and offers more features with your style sheets. These courses will not show up in your Treehouse track, as they are optional, but you are highly encouraged to complete them. You may follow the links above or search for them in Treehouse's library.

### Project:

- ★ Keep working on your project! Make sure to commit updates to GitHub regularly! Don't forget about the [Student Resources Wiki](#)!

## Week 9: Monday, October 22 - Sunday, October 28

### Treehouse:

- ★ No new assigned videos for the rest of the session. Use this time to wrap up the Treehouse track so you can focus on your project going forward
- ★ Feel free to explore other videos on Treehouse and incorporate that into your project as well!

### Project:

- ★ Keep working on your project, it's due in THREE WEEKS! Make sure to commit updates to GitHub regularly and show it off to your mentors.

## Week 10: Monday, October 29 - Sunday, November 4

### Networking:

- ★ Don't forget you have to attend **TWO networking events** during the 12 weeks. Check [LouisvilleTech.org](https://LouisvilleTech.org) for a good list of options! Message Shannon Siders to report your attendance.

### Project:

- ★ Keep working on your project! Make sure to commit updates to GitHub regularly
- ★ Your projects will be your number one tool to getting a job, so make it something great!
- ★ **Double check the project requirements! Ask a mentor to confirm you've got a project that meets them**
  - These can be found on the [Student Resources Wiki](#).
- ★ Remember, your projects on GitHub are your number one tool for getting a job!

## Week 11: Monday, November 5 - Sunday, November 11

### Project:

- ★ Everything's due next week! Keep working on your project! Make sure to commit updates to GitHub regularly
- ★ Test your project out to make sure it runs on a different computer. You don't want to be caught with links or other issues that only work on your computer!
- ★ Check out <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!

## Week 12: Monday, November 12 - Friday, November 16

### Projects:

- ★ **Your project is due on GitHub no later than Friday, November 16 at noon and the survey/turn-in form completed!**

The form will be linked via Slack and emailed at least 1 week in advance and will be disabled right at noon. You can safely complete the form even before you are done with your project and continue to work on it after.

**Do some final testing, preferably with another student** on their machine, before finalizing your project! Make sure your solution runs on another computer or your project reviewer may not be able to get it to run!

Revisit the project requirements on the [Student Resources Wiki](#).



## Post Graduation: Job Hunt 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.

### In-Person:

#### ★ Workshops

- **Where:** Code Louisville office
- **When:** 6-9pm, 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 Reviews with Student Success Coordinator

Dates will be announced closer to the end of the session but will be offered in the weeks following graduation.

#### ★ 1 on 1 Review (Optional, but highly valuable and encouraged!)

- **Where:** Code Louisville
- **When:** In the weeks following your job hunt seminar, you will have an option for a 30-45 minute meeting with our Student Success Coordinator
- **What to bring:** You will receive this information along with the registration email. We will go over your resume, a sample cover letter, and LinkedIn profile.
- **What we'll do:** A brief review and recommendations for your job hunt materials, some interview questions if you want, and next steps in your learning and career path.