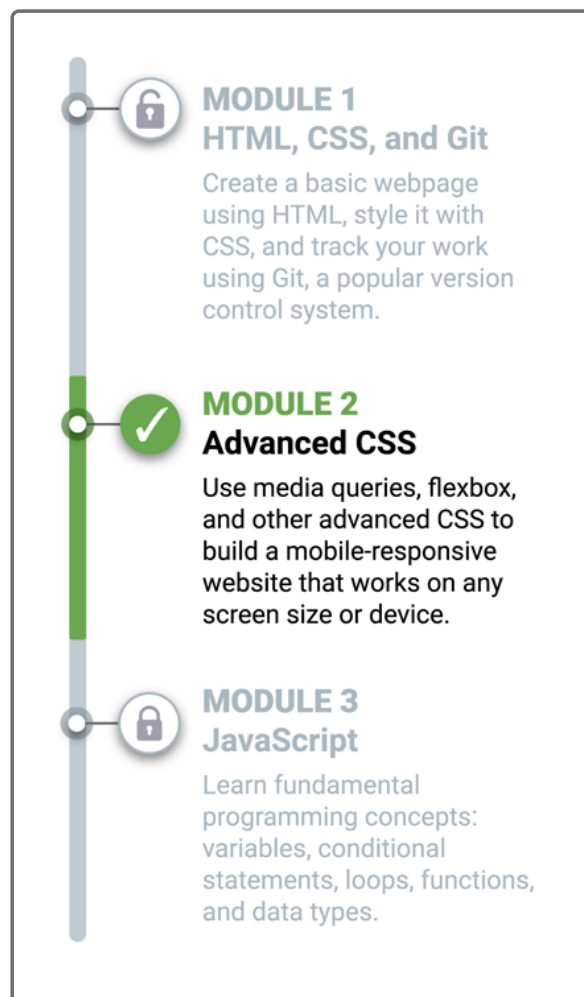## 2   Roadmap

Looking Ahead: This Week's Challenge

By the end of this week, you'll complete your weekly Challenge assignment by building a professional portfolio site using HTML and advanced CSS that will showcase your strongest web development work.

In order to succeed in this challenge, you'll apply the following skills:

- Use advanced CSS layout techniques like flexbox and CSS Grid to create a mobile-responsive layout

- Use media queries to create a fully mobile-responsive website

MODULE 1
HTML, CSS, and Git
Create a basic webpage using HTML, style it with CSS, and track your work using Git, a popular version control system.

MODULE 2
Advanced CSS
Use media queries, flexbox, and other advanced CSS to build a mobile-responsive website that works on any screen size or device.

MODULE 3
JavaScript
Learn fundamental programming concepts: variables, conditional statements, loops, functions, and data types.

- Use advanced CSS selectors and custom properties to create an attractive and intuitive user interface

- Use GitHub Pages to publish the page to the web

The online lessons in this week's module will teach you the skills above by asking you to revise the landing page that you created for Run Buddy. You'll learn all the advanced CSS necessary to make an already attractive and functional site fully mobile-responsive. You'll continue to work with Git to organize your project and manage your code. Finally, you'll publish your work to the web with GitHub.

What You Will Learn

By completing this module, you'll learn how to:

- Use a flexbox layout for a responsive design

- Use CSS grid to create a complex layout

- Explain and use CSS custom properties (variables)

- Explain and use basic media queries

- Explain and use CSS selectors beyond single classes or elements

- Perform Git branch, push, and merge workflow

Weekly Tip: WOOP!

One way to increase the likelihood of succeeding in challenging ventures— like this boot camp—is to anticipate obstacles before they show up and develop a plan for dealing with them. To do this, try a simple strategy called **WOOP**: Wish, Outcome, Obstacle, Plan.

WOOP invites you to contrast positive events in the future with negative factors, or obstacles, in the present that might stop you from reaching that future. Then you make a plan for overcoming these obstacles when they show up.

How to WOOP

WOOP only takes a few minutes. Give it a try!

1. Start by visualizing your desired future for 3–5 minutes:

    - First, think about what you wish to happen at the end of this boot camp. Pick a wish that feels really challenging but that you think you can accomplish in the next six months. For example, maybe you want to have a robust portfolio of work that showcases your skills to potential employers.

    - Consider the best outcome if you reach that goal. If you get your wish, what will that mean for you? What might an average day look like? How might your life be different? For example, having a robust portfolio that you're proud of might increase your confidence, reduce any feelings of "imposter syndrome" that you might have, and result in you actively going on multiple interviews at desirable companies.

2. Then, for the next 3–5 minutes, think about any present challenges that could prevent this future from happening.What obstacles might stop you from reaching your goal? Be specific—everybody faces different challenges, so these obstacles are unique to you. Here are some questions to ask yourself:

    - Could work or family responsibilities throw off your learning schedule?

    - Do you have health issues that could slow your progress?

    - Are there holidays or other schedule changes coming up?

          ○ Will you feel overwhelmed if you fall behind?

3. Lastly, make a clear plan about how to handle these obstacles when they appear. Frame your plans like this: "If . . . (obstacle happens), then I will . . . (action or thought)." If you need ideas, the following examples might help you get started:

    ○ "If my work schedule picks up and keeps me from completing my coursework on weeknights, then I'll ask my significant other to watch the children on Saturday and Sunday mornings so I can make up for lost time."

    ○ "If the class starts moving too fast for me, then I'll remind myself that boot camps are designed to move fast and challenge everyone. I'll also reach out to the instructors and ask for help, and I'll create a Slack group with other learners to share strategies for staying on track."

Don't be afraid to get creative. Plans might involve rescheduling, asking for help, reprioritizing, or collaborating.

4. Lastly, write down your plans and keep them handy.

Congratulations! You've just successfully WOOPed! You can repeat this brief exercise anytime during the boot camp to arm yourself against any obstacle.

Planning Your Schedule

This module has six lessons. Here's an estimate of where you should be as you work through this module:

- By the time you reach your Virtual Class (Recommended), you should have completed at least Lessons 1 and 2.

- By the time you reach your Virtual Class (Required), you should have completed at least Lessons 3 and 4.

- Start looking at the Challenge assignment early in the week. You can begin working on the challenge at any point.

- Start looking at the Challenge assignment early in the week. You can begin working on the challenge at any point.