Devmountain’s Web Development Course Outline

If you’re looking for a school that’s really focused on teaching coding and couldn’t possibly field a competitive football team, you’ve come to the right place.

You may already know that a coding bootcamp is right for you, or, maybe your life hasn’t gone according to plan and you want to get back on track.

Whatever the case, welcome to the party.

Let’s talk about web development.
1. What Is Devmountain's Full-Time Web Development Course?
   Let’s start with the basics. What is Devmountain and is a bootcamp education for you?
   - Page 3: What’s in It for the Students?
   - Page 3: Who Does Well in a Bootcamp Environment?
   - Page 4: Do Students Need Previous Coding Experience?

2. Before the Course
   So, you’re going to a bootcamp. Here’s what you need to know before starting the course.
   - Page 4: What Is the Application Process Like?
   - Page 5: What Should I Know About Remote Learning?
   - Page 5: Sounds Great and Everything, but How Do I Pay for It?

3. The 16-Week Web Development Bootcamp
   Ready to learn web development? Here’s a breakdown of what’s covered in the course.
   - Page 6: Skills Learned
   - Page 6-8: Units 1-16 Breakdown

4. So, What’s Next?
   If you’re serious about studying web development at Devmountain, take the next step.
   - Page 9: If This Sounds Good, Apply for the Full-Time Web Development Course
Devmountain’s bootcamp courses are many things, but they’re not a shortcut. We won’t have a drill sergeant yell at you or anything, but it’s still pretty intensive.

If you’re imagining casually logging in most days, learning a few useful lines of code, and then scoring a sweet job at a tech company where everyone drives a Tesla, then this is not the education you’re looking for.

Our students are expected to study hard to learn the skills needed to apply for entry-level development positions.

WHAT’S IN IT FOR THE STUDENTS?

Why would anyone want to pay tuition, put their life on hold, and subject themselves to a few months of intense work followed by a period of job hunting? Because, meaningful change does not come easily.

Hopefully you already have an interest in programming, tech, and problem solving, and want to use Devmountain to feed those interests.

If your commitment and interest are solid, the skills we teach can help you make a career change.

WHO DOES WELL IN A BOOTCAMP ENVIRONMENT?

While some students worry about their prospects after the course, other students worry about whether they have what it takes to perform during the course. There is no formula we know of that can predict who will struggle and who will master the content. We’ve seen plenty of both.

Making the most of what is taught takes more than aptitude; it takes consistent effort, a willingness to try new things, the humility to ask questions, the ability to encounter failure without becoming discouraged, and the resolve to keep trying even when you’d rather be watching cat videos online.

If you have trouble focusing for long periods of time, get easily overwhelmed, or have a hard time managing your time and efforts, this may not be a great fit for you.

Meanwhile, if learning about code every day then practicing what you learned sounds like a delightful break from regular life, then it may be great.
DO STUDENTS NEED PREVIOUS CODING EXPERIENCE?

Obviously, you probably won’t dominate web development if you’re afraid of computers or you’re constantly having trouble with The Emails, yet this course is designed for students who have no significant previous coding experience.

That said, there are two reasons we strongly recommend all students try some coding before they start our bootcamp.

First, there is so much to learn in our bootcamp that an understanding of some basic concepts can be nicer than starting from scratch.

Second, it’s important that you get a sample of what it’s like to code. If you find you’re miserable and frustrated after a few hours, that is something you’ll want to know before the checkbook and credit card comes out.

Contrastingly, you might find your first few hours fly by, which can help you feel at ease about a decision to enroll.

If you’re interested in learning more about coding before you enroll, contact us and we can recommend some great resources. It’s a golden age, and there are lots of options available online.

WHAT IS THE APPLICATION PROCESS LIKE?

If you’re looking to enroll, the first step is to apply via our website.

The application process has three parts, including a phone call. You should be able to complete the entire application in 45-75 minutes.

The phone call may be scheduled on a day other than the day you apply.

(You won’t need blood samples, SAT scores, or anything like that, but it’s also more involved than a Buzzfeed quiz. Plan accordingly.)

The first section is for your personal information—things like your email address or previous experience.

In the second section, you’ll schedule a consultation with a friendly counselor who can tell you about the program and answer any questions you may have.

The third section is a brief skill review that will help assess what skills you’re bringing along with you.
Some people start to feel very nervous at the mention of applications, consultations, or skill reviews.

Fair enough, but it might help to know the purpose of this process isn’t to assess your worthiness to learn or your value as a human being. (You are worthy and valuable.)

The purpose is to help you discover if this program will be a good fit for you.

**WHAT SHOULD I KNOW ABOUT REMOTE LEARNING?**

Remote learning is not easier than in-person learning. Remote courses are offered 100% online, but they are not 100% asynchronous. That means you will be expected to participate and learn during a set schedule from your remote location, such as your home, while an instructor teaches live. This is not an online course in the sense that you’ll be able to listen to lectures or catch up on missed material whenever you want. If you enroll in a remote course from Devmountain, you should expect to attend class during class time. There will also be pre-recorded content.

Here’s what you need to know about remote courses:

- Please note that Devmountain housing is not included for remote courses
- Remote times are listed in Mountain Time (MT)
- Students are expected to be in their virtual classroom on time and stay until class is over
- All content, including career support, will be delivered remotely

**SOUNDS GREAT AND EVERYTHING, BUT HOW DO I PAY FOR IT?**

If you happen to have enough money in your pocket to pay for the course, you’re all set. For the rest of us, there are some different options.

- Admitted students can apply for a loan from our finance partners, Skills Fund and Climb. Devmountain does not control the terms of these loans. See current interest rates and loan lengths at [Skills Fund](https://www.skillsfund.org). View current terms with [Climb](https://www.climb.org).
- Some students prefer to finance their bootcamp with credit cards, sometimes taking advantage of low-interest promotional offers. Make sure you review terms with your specific credit card provider.
· Other students get help from friends and family. Perhaps you have a rich aunt in Luxembourg who has passed away and left you a large inheritance. Awesome! (But, seriously, our condolences.) It could be more than likely you have some parents, relatives, or friends who like you and would be happy to help out.

· There are many banks, credit unions, or other lenders willing to make personal loans. These terms may be more or less desirable than the other options mentioned above—you will have to contact specific individual lenders to know for sure.

· Finally, some students have their tuition paid by their employers. Not a bad perk.

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The 16-Week Web Development Course

**SKILLS LEARNED**


**UNITS 1-16 BREAKDOWN**

**Unit 1**

You’ll learn about software development methodologies, focusing on the core activities of agile software development. You’ll also learn about user experience, covering topics like web design, prototypes, style guides, user research, and user personas.

**Unit 2**

You’ll learn about various coding tools and cover basic coding concepts, such as variables, integers, strings, floats, and booleans. You and peers will be able to do pair programming, navigate the command line environment, and tackle arrays.
Unit 3
You’ll learn about front-end languages like HTML and CSS. You’ll also discuss and learn about web concepts, such as HTTP requests and responses. JavaScript will be introduced and you’ll be able to use it within a browser environment.

Unit 4
You’ll learn about data manipulation, data modeling, and databases. You and peers will discuss and learn about the programming language Python and its unique place in the field of data science and data analysis. You’ll also learn SQL syntax.

Unit 5
You’ll learn about back-end web development, how it relates to front-end web development, and what a RESTful API is and how to use it. You’ll also learn about HTTPS security protocols and how you can keep web-based applications safe.

Unit 6
You’ll learn about quality assurance testing and the deployment process. You and peers will cover the different types of testing, including unit tests, integration tests, and functional tests. You’ll also automate a manual UI test and deploy a static website.

Unit 7
You’ll learn about DevOps and practical computer science, including the process of how to evaluate the efficiency of an algorithm. You’ll also learn how to set up a CD/CI tool for a GitHub repository and identify networking layers on top of HTTP.

Unit 8
You’ll learn about creating a career pathway that meets your career goals, reflecting on experiences you’ve had so far and preparing a portfolio for yourself. You’ll also be able to present an engaging, well-timed demo of a course project.

Unit 9
You’ll set up your environment, learn how to use Bash Command Line, Git, and GitHub. You’ll also brush up on variables, data types, arrays, if statements, and functions. You will dive deeper into HTML and CSS as well as nesting.
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You’ll learn more about using JavaScript in conjunction with HTML, creating both inline and external scripts. You’ll also cover DOM, DOM II, in-depth classes, and context. Arrow functions are introduced, and you’ll be able to build and understand them.

You’ll learn how to use ReactJS to perform various actions, and you’ll create a React application. You’ll cover component architecture, unidirectional data flow, and virtual DOM. You’ll also be able to write JSON, and you can understand NPM.

You’ll learn about basic debugging, including how to use Chrome developer tools, VS code debugger, and what the debugging flow looks like. You’ll be able to write a functioning React application and you’ll be able to handle Express API.

You’ll learn about what HashRouter is and how you can use it in a React component file. You’ll also cover what Routes are and how to use them to set up paths. Link and Switch components will also be introduced so you can use them with Routes.

You’ll learn about Redux, what its role is, and how to use it. You’ll also dive deeper into HTML, figuring out when and how to use media queries. By this point, you will know HTML, CSS, JavaScript, React, Redux, Routing, and more.

You’ll learn about Devmountain Career Support, how it can help you, and what your career paths can look like after leaving the bootcamp. Networking opportunities, hiring events, and personal support will accompany you during and after the program.

You’ll complete the course! After graduating from Devmountain, the tech industry is your oyster. Depending on what your career goals are, you’ll probably take a much-needed break and begin pursuing tech positions and opportunities shortly after.
So, What’s Next?

After you finish the course, you might want to sleep for a day or seven, then it’s time for most of our students to hit the job market.

While Devmountain doesn’t offer placements, we will be happy to cheer you on at embarrassing mom levels while you apply for jobs, and our Career Support team will be available for questions or advice.

If This Sounds Good,
Apply for the Full-Time Web Development Course

Apply Now

Call: 844.433.8686
Text: 385.217.2304