



# Course Guide

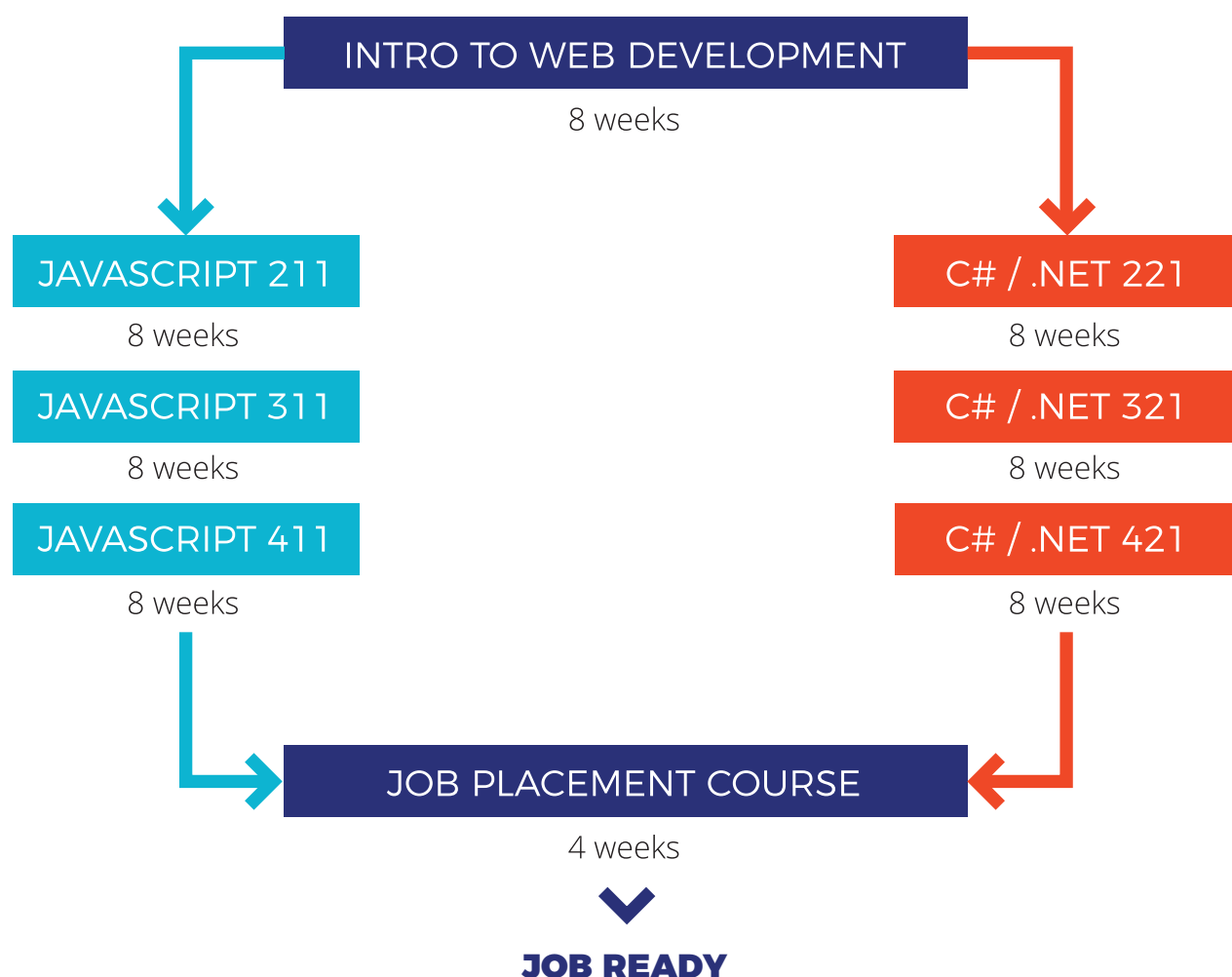
2019

## WHO WE ARE

Austin Coding Academy is a comprehensive web development school that will equip you with both the technical skills necessary to become a full stack web developer, and the soft skills needed to secure a job in tech. We offer two tracks, JavaScript and C# / .NET, two of the most prominent industry languages. Our classes are taught by full-time industry professionals, and meet twice a week during the evenings, so you don't have to quit your day job to pursue your dream career!

## Track Options

9 months Full-Stack program  
Meet twice a week, 6:30 to 9pm



# Requirements

## YOU ARE OUR IDEAL CANDIDATE IF

- You believe you can improve your skills through hard work
- You're willing to ask for help when you need it
- You have 10-15 hours/week to commit to coursework
- You're available to attend all classes in-person at either location

## REQUIRED MATERIALS

- Laptop that is fewer than 7 years old

## Intro to Web Development

1 Course  
8 Weeks

Intro to Web Development is the starting point for both of our full stack tracks. The course designed to teach you the foundations of building professional, modern websites and familiarize you with the basics of HTML, CSS, and JavaScript. You'll learn industry-standard technologies and approaches to design so that you can build responsive, interactive websites.

## COURSEWORK HIGHLIGHTS

- HTML5
- CSS3
- Version Control
- Responsive Web Design
- Javascripts Basics & DOM Manipulation
- Animations and Transitions

# Javascript Track

3 Courses  
24 Weeks

Become a Full-Stack Web Developer by building applications with JavaScript, React.js, Node.js, MongoDB, and Express.js. Graduates of this program land jobs at local Austin startups and medium-sized companies.

## JS 211 HIGHLIGHTS

Your first step to Full-Stack development is learning the fundamentals of Javascript and how to program. Through this class you will establish a strong foundation in "Vanilla" Javascript by building terminal and DOM applications, employing unit testing, and learning to build algorithms of your own.

- Immersion in Object Oriented Programming (OOP)
- Master Unit Testing + Test Driven Development (TDD)
- Break into Callbacks and Functional Programming
- Interact with remote APIs using AJAX requests
- Get a proper introduction to React.js

## JS 311 HIGHLIGHTS

Hone your skills on the fastest growing front-end Javascript library, React.js. Developed by Facebook and used by millions, you'll use React and all of its co-sponsored libraries like Redux and Webpack to build fully functioning websites that are able to retrieve data, maintain application state, and display stylized data to users.

- Build deployment-ready React apps
- Maintain app state with Redux
- Build Production grade Apps with Webpack
- Handle Client-Side Routing
- Expand your knowledge of Git
- Deep-Dive into HTTPS protocol

## JS 411 HIGHLIGHTS

Build the Back-Ends to meet your Front-End and become a Full-Stack Developer. In this class, you'll build robust databases and connect your functioning front-ends to customized endpoints to compose full-fledged, Full-Stack applications. Students graduate with relevant skills and a personalized project to take to interviews - or to begin their own entrepreneurial careers.

- Shape MongoDB structures with Mongoose.js
- Serve Express.js routes
- Explore the power of Node.js
- MVC - Model, View, Controller
- Deploy your own Node Package
- Learn to host and manage your websites

# C# / .NET Track

3 Courses

24 Weeks

Become a C#/.NET Developer by building applications with the Microsoft stack. You will learn C# / .NET, and SQL. Graduates in this program find jobs at large companies such as Frost Bank, Dell, city governments, and the military.

## C# / .NET 221 HIGHLIGHTS

C# (C Sharp) is one of the most prominent scripting languages in the world. In this class, you will learn the fundamentals of C# and Object-Oriented programming (OOP) while building terminal applications, unit tests, and algorithms. OOP is a fundamental concept to software development and a requirement for future application development.

- C#
- Object-Oriented Programming
- Unit Testing
- Data Structures
- Algorithms
- SQL

## C# / .NET 321 HIGHLIGHTS

Build an MVC application using C# and .NET. The .NET Software Framework (dot net) was developed by Microsoft and is used to build web and desktop applications for large companies and government entities. This class will cover architecture, hosting, deployment, and user authentication using the .NET Framework.

- .NET Framework
- MVC Architecture
- Razor
- Entity
- Visual Studio
- Deployment and Hosting

## C# / .NET 421 HIGHLIGHTS

In this class, students build an MVC applications using C# and .NET, SQL and Razor. This class focuses on both building and mentorship so that students can finish with a deployable web app to take with them into the job market or launch their own business.

- Shape MongoDB structures with Mongoose.js
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# Job Placement

1 Course  
4 Weeks

Learning to find a job takes practice! At Austin Coding Academy, we recognize that technical skills aren't the only factor in landing a job. In our job placement course, you will develop your resume and LinkedIn, receive networking opportunities, practice whiteboarding and answering technical interview questions, and more.

## COURSEWORK HIGHLIGHTS

- Technical Interview Prep
- Whiteboarding Practice
- Portfolio Support
- Resume Building
- Networking Opportunities
- Job-Finding Strategies

# Ready to land the career of your dreams?

[SCHEDULE A CALL](#)

[APPLY NOW!](#)