



School of
**Continuing Education
& Professional Development**

*</ Learn
to **CODE** >*

at Eduardo J. Padrón Campus

**FULL STACK WEB
DEVELOPMENT**



School of
**Continuing Education
& Professional Development**

Miami Dade College is the largest institution of higher education in Florida, offering accessible, high-quality teaching and learning experiences. The college embraces its responsibility to serve as an economic, cultural and civic leader for the advancement of our diverse global community.

The School of Continuing Education and Professional Development proudly serves community needs by providing short-term non-credit programs to address workforce shortages, following up the mission of making college more accessible to the public and to meet community needs not served by traditional College programs.

The Eduardo J. Padrón Campus is conveniently located in the heart of Little Havana, near to Brickell Financial District, Coconut Grove, Coral Gables, Westchester and Miami International Airport.

For more information regarding the registration process, please call us at:

(305) 237-6273



Eduardo J. Padrón Campus
627 S.W. 27th Ave., Room 3116, Miami FL 33135

Get ready to be immersed in this exciting course that covers both aspects of web development: “Front-End” and “Back-End”. Learn the basics of programming, wire-framing, HTML, CSS, JavaScript, responsive website design using Bootstrap and coding fundamentals.

Combine your skills in HTML, CSS and JavaScript and integrate them into projects. Learn how to create effective user interfaces with HTML Form Elements and make them come alive using JavaScript, and to develop complete websites including Database Access, PHP, AJAX, Advance JavaScript, Objects Oriented Coding and API's.

Work with Wordpress and learn how to create and customize themes and plugins. Integrate your knowledge into a single project to test your skills in a real-life working environment.



This course is offered in a convenient blended format that includes a combination of 126 hours of face-to-face instruction and 140 hours of online training through a digital platform filled with lessons and progressive exercises to increase your skills, covering from basic tasks to the more complex assignments.



Become a Web Developer in just 14 Weeks

This course has been designed to optimize your learning experience through the combination of classroom classes and online learning providing you with the right tools to become a Web Developer in just 14 weeks.



Part-Time Schedule for your convenience

You don't have to quit your job to attend our program. Part-time is not just about the schedule, you will benefit from our blended learning platform, trained instructors, specialized content and an innovative teaching methodology that'll help you learn twice as fast.



The most affordable course in South Florida

As a part of Miami Dade College's mission, this program is designed to offer an accessible, high quality learning experience. You'll get the right tools to improve your professional skills at the most affordable price available.



Flipped Classroom

The lessons and lectures are delivered through a digital platform incorporating readings, videos, animation, images, and infographics. Class-time is then used to debate, build projects and mentor over practical exercises.

7:1 Student/Instructor Ratio

An intimate setting provides the instructors with the opportunity to adapt to each student's individual pace.

One on One Mentorship

Every student has the opportunity to have regular conversations with a mentor during the whole course.



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FULL STACK WEB DEVELOPMENT

**FALL
COHORT
2020
COURSE CONTENT**

in collaboration with:



Week 1: How the Web Works?

Starting with the basics of the Internet architecture. Understand how the browser works. Client vs. Server. Introduction to HTML, Tags, Tables. Head & Body. Introduction to CSS. HTML vs. CSS. Bootstrap, its components and workflow.

Week 2: Wireframes, CMD & GIT

Start to develop a professional workflow. Learn how to use the Command Line. Introduction to GIT and its components. Create your own repository and work as a team using GIT. Design a wireframe using Bootstrap components. Website Sitemap and Sections.

Week 3: First Coding Skills

It's time to Code! Introduction to JavaScript. Learn how to use Variables, Data Types, Arrays, Functions, Loops and create algorithms and incorporate them into assignments.

Week 4: Introduction to React.js

Create your first React Application. Professional workflow in JS. Webpack and JS Modules. Babel. React as a rendering engine. React components. React Router + Flux.

Week 5: The Project

Start working in a project using SCRUM methodology, User Stories, Kanban and Wireframing. Flux view.

Week 6: MVC with FLUX

No more hard-coding, make your Flux.Views and Components render from the Flux.Model.
Flux.Actions Flux.Views Flux.Store

Week 7: Consuming API's

Intro to AJAX, HTTP Requests and JSON.
Learn how to use Postman. Modeling Data with Wordpress. The Wordpress Dashboard. Create a CPT. Composer + Wordpress CLI.

Week 8: Make a Plugin + API

Build a WP Plugin with a custom model and API.
Learn how to use ACPT Plugin + Custom Post Types to make Meetup-clone models. Create an API method.

Week 9: API Authentication

Start authenticating your website's users. Build API services to login. Managing cookies with PHP and JavaScript. React Components.

Week 10: The WordPress Theme

Build your own Wordpress Theme. Learn about the Wordpress Templating Engine and how to use it to render HTML. Learn to use PHP as template engine (conditional display and loops).

Week 11: Payment Integration

Authenticate your website users.

Learn how to integrate WooCommerce as a gateway for payment services for your website.

WooCommerce API integration.

Work in your final project.

Week 12: The Data Week

Learn how to measure everything and convert your website into a Data Generation machine using

Google Analytics. Google Tag Manager integration,

Identify and dispatch events. Data collection.

AdWords integration.

Week 13: The Final Project

This whole week is dedicated to polishing and get ready to finalize your final project.

Week 14: To Production

In this final week and it's time to upload your work.

You will use GIT, WPCLI and CPanel and

get your final project uploaded and running for final presentation.

Information Session

Join us to take a closer look at our comprehensive program and learn how it can improve your career prospects and help you acquire the right tools to enhance your earning potential.

In this event you will receive all the information about the World of Coding and how to impact your career in a positive way, experiencing a test drive of this amazing program developed in collaboration with 4Geeks Academy and Miami Dade College.

- Get all the information about tuition cost, methodology and schedule.
- Meet our experienced instructors and learn first-hand about all the possibilities and opportunities available to you in this field.
- Understand our course content, digital platform, class schedule and requirements to maximize the learning experience.
- You will also have your first Class of Coding, we will challenge you!

Thursday

August 6th

6:00 PM

Online Event

[RSVP for the Information Session visiting:](#)

Eventbrite

Become a
**PROFESSIONAL
WEB DEVELOPER**
the right way

 **Course Schedule:**

Starts: September 9th, 2020

Mon - Wed - Fri from 6:00 to 9:00 PM

Class Number: 19916

 **Tuition:**

\$ 3,995

 **Registration Process:**

You may register online

Apply Now!

or in person visiting the School of Continuing
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