CATALOG

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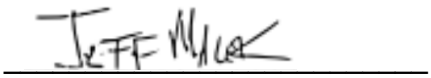
I certify that this catalog to the best of my knowledge is true and correct in content and policy:



Jeff Malek
Chief Executive Officer

Code Fellows Holdings Inc.
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As a part of our commitment to excellence in student experience and compliance with the laws of the State of Washington, the Training and Education Coordinating Board requires Code Fellows to provide students, faculty, and administrators with a Code Fellows school catalog containing important information about our school. The information below has been compiled and presented to you in order to fulfill this requirement. If you have any questions about the contents of this School Catalog, you can contact us at admissions@codefellows.com.

Table of Contents

About Code Fellows

Code Fellows is a vocational school offering job-ready software development and technology training in Seattle, WA and remotely.

For aspiring technologists, Code Fellows offers 100 level workshops and 200 level courses that train students in the fundamentals of software development, cybersecurity and IT operations, data analysis, and other technical fields. Courses at the 300 level dive deeper into professional topics, building intermediate skills like client-server architecture or networking of computer systems. Those ready to launch a new career or learn advanced technical skills can level up their abilities in 400 level courses, where they receive world-class training from instructors experienced in education and the technology industry in an immersive environment. Students also receive job-search training through practice interviews, resume help, networking, peer mentorship, and more. Students at the 400 level specialize in fields like Cybersecurity, Full-Stack JavaScript, or Python. Courses at the 500 level each focus on a specific industry topic to help developers quickly gain a new skill.

Section 1: Governance

A list of owners, management, administrators, and faculty is attached in Appendix A.

Section 2: Licensure

This school is licensed under Chapter 28C.10 RCW. Inquiries or complaints regarding this private career school may be made to:

Workforce Training and Education Coordinating Board
128 – 10th Avenue Southwest
Olympia, Washington 98501
360-709-4600
Web: wtb.wa.gov
Email: workforce@wtb.wa.gov

Section 3: Mission Statement

Code Fellows' mission is to guide people from all backgrounds to change their lives through fast-paced, career-focused education. We shape passionate learners with immersive training to meet industry needs and improve diversity in the tech scene.

Section 4: Facilities

Code Fellows courses and programs listed in this catalog are offered in-person, remotely, and/or via a self-paced option. Remote students have full access to the same course materials as in-person students, delivered with synchronous-live, instructional support and instructor-led online class sessions. Self-paced students have full access to the same course materials as in-person students, delivered with recorded instruction videos, plus live instructional support.

All students receive identical curriculum regardless of taking courses in-person, remotely, or via the self-paced options.

Campus Location and Administrative Offices

Campus: Wood Technology Center, 2310 S. Lane St, Seattle, WA 98144
Administrative: 300 Lenora Street PMB 902, Seattle, WA 98121

Facilities

Code Fellows does not own any real estate, and instead secures classroom, coworking, and other space through rental agreements. The current rental agreement extends through June 2023.

For any training program that Code Fellows offers on campus, we ensure that students have access to adequate lighting, access to power (for classes over 2 hours), and comfortable seating for lectures. Our facility is ADA compliant with wheelchair accessibility, and any student with a disability may request a reasonable accommodation by speaking with the Admissions Advisor upon admission to the program. In addition to classroom space, we provide in-person students appropriate amounts of coworking space. In cases where Code Fellows hosts events, parties, or other meetups for the community, we ensure that our facilities are safe, clean, and appropriate for the intended use. In all cases, both male and female lavatories are available and parking options are available nearby.

The maximum class size for each in-person course level is as follows: 50 students for 101; 30 students for 102, 201, 301 and 401; 10 students per 501, occasionally more depending on the specific 501 course. The number of students and staff in the building will not exceed the maximum population capacity of the building at any time.

We strive to maintain a student to instructional staff ratio not greater than 10 to 1 at all times for all courses. In special cases where we deviate from that standard, we attempt to keep this ratio within an acceptable level.

Possession of firearms or illegal drugs at any time on school property is prohibited.

Section 5: School Calendar and Observed Holidays

School Calendar

The Code Fellows calendar can be found online at www.codefellows.org/class-calendar. The calendar includes the dates and times of each program (class, workshop, or other), the location, delivery modality, the price, specific admissions requirements, and any other pertinent information.

Observed Holidays

Code Fellows observes the following US holidays and does not hold classes: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day. Other holidays and days adjacent to observed holidays may also be observed, in which case students will be alerted in advance. Content and instruction for classes that would otherwise be held on these days will be provided by extending class duration on other days, or extending the duration of the course if required.

Religious Accommodation

Code Fellows will make good faith efforts to provide reasonable religious accommodations to students who have sincerely held religious practices or beliefs that conflict with a scheduled course/program requirement. Students requesting a religious accommodation should make the request, in writing, directly to their instructor with as much advance notice as possible. Being absent from class or other educational responsibilities does not excuse students from keeping up with any information shared or expectations set during the missed class. Students are responsible for obtaining materials and information provided during any class time missed. The student shall work with the instructor to determine a schedule for making up missed work.

Examples of religious accommodations may include: rescheduling of an exam or giving a make-up exam for the student in question; altering the time of a student’s presentation; arranging for an increased flexibility in assignment due dates; and releasing a teaching assistant from responsibilities on a given day.

Section 6: Programs Offered at Code Fellows

Introduction

Code Fellows Programs are transformational learning journeys comprising one or more optional workshops, followed by one or more courses, one or more certificates and a graduation. Programs produce skilled, market-ready job seekers. Note that Code Fellows also offers 500-level courses, which are Professional and Continuing Education non-certificate courses, detailed at the end of this section.

Code Fellows Course Schedules and hours per course are as follow:

Course	Daytime	Nights & Weekends	Self-paced	Total hours
101	1 day	2 days	1 week	8 hours
102	1 week	2 weeks	1 month	30 hours
201	1 month	9 weeks	4 months	160 hours
301	1 month	9 weeks	4 months	160 hours
401	10 weeks	23 weeks	10 months	400 hours
501	1 week	2-5 weeks	2 months	40 hours

Important: Self-paced courses are not available for those using VA benefits.

Software Development Certificate Program

About the Program

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent web or mobile software developers for companies of all kinds. Students with limited experience will be introduced to the basics of computer programming and web development and taught to build simple interactive web sites. They progress to the foundations of computer science and software development and front-end development (HTML, CSS, JavaScript). Through project work and pair programming, students will understand the common core of programming concepts, including data modeling, application architecture, MVC, AJAX, using APIs, and DOM manipulation, in order to develop database driven

applications. In the final phase, students build full-stack database-powered dynamic applications. Graduates are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Workshops

Code 101: Explore Software Development

Objective

Students will understand how HTML and CSS programming languages work together to render the modern web, given an explanation and deconstruction of a popular website. They will code a simple HTML website, given a pre-existing mockup, instructor guidance, and coding snippets, to easily see the results of their coding work. They will also collaborate with other students, given a facilitated whiteboarding activity, in order to understand the dynamics of being a developer in a professional work environment. Furthermore, they will deploy a website and be able to share their workshop accomplishments with their friends and family. Finally, they will identify whether a career in coding and the Code Fellows program is right for them, given their experience throughout the workshop and their impressions gained from listening to instructors and TAs share their stories.

Prerequisites

None, this is an introductory workshop.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

This workshop mixes instruction and lab throughout its full day length. The instructor explains topics to the students and then asks students to work together to apply the topics to complete assignments.

Completion Criteria and Award

This workshop is not graded and there are no completion requirements.

Topics Covered

- Foundations of web development
- HTML and CSS

Modular Courses

Code 102: Intro to Software Development

Objective
Students will understand the basic creation of a web page with HTML, CSS, and the programming language JavaScript. They will use instructor guidance, code snippets, text books, and online tutorial instructions to build a learning journal and work through code challenges. They will also collaborate with other students in order to understand the dynamics of being a developer in a professional work environment. They will identify whether a Code 201 course with Code Fellows is right for them, given their experience throughout the workshop and their impressions gained from working with an instructor.

Occupational Outcome
None; this course prepares students for the 201 course.

Prerequisites
Familiarity with basic algebra concepts, Code 101 or equivalent exposure to basic HTML and CSS.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
This workshop mixes instruction, live demos, online 3rd-party resources, and lab assignments throughout its daily class time. The instructor explains topics to the students and then asks students to work individually or in small groups to research and apply the topics to complete assignments. Some tasks may need to be completed as homework, outside of scheduled class times.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- GitHub, git, web site publishing: 9 hours
- Computer configuration and command-line: 6 hours
- HTML & CSS: 6 hours
- Javascript basics: 9 hours

Code 201: Foundations of Software Development

Objective
Students with limited experience will be introduced to the basics of computer science and web development and taught to write simple applications. Students who successfully pass the class will be prepared for admission into Code 301. The technologies used are generally JavaScript, HTML, and CSS.

Occupational Outcome
Sufficient skills to be confident applying for a web site producer internship.

Prerequisites
Familiarity with basic algebra concepts. Code 101 or equivalent experience, Code 102 or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students can expect the first 3 weeks of the program to be structured as a combination of interactive lecture and hands-on lab time supported by instructors and TAs. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. The fourth week is a project week where students work on team projects and create an app.

For nights & weekend students, the course is designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalent.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Semantic HTML and CSS styling and layout: 40 hours
- Interactive JS and DOM Manipulation: 40 hours
- CS Fundamentals with JS: 40 hours
- Collaborative app development project: 40 hours

Code 301: Intermediate Software Development

Objective
Students will understand the common core of development language concepts and the React framework, including basic data management, front-end architecture, MVC, Promises and async programming, using APIs, and DOM manipulation, in order to develop Client-Server Applications. Students will also have enough experience to be confident applying for an entry-level web development job or internship. Additionally, this course prepares students for all Code 401 courses, though it does not guarantee admission.

Occupational Outcome
Sufficient skills to be confident applying for an entry-level website producer job.

Prerequisites
Code 201: Foundations of Software Development or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students can expect the first 3 weeks of the program to be structured as a combination of interactive lecture and hands-on lab time supported by instructors and TAs. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. The fourth week is a project week where students work on team projects and create an app.

For nights & weekend students, the course is designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalent.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Frontend web dev & advanced CSS: 40 hours
- Backend web dev & APIs: 40 hours
- MVC apps and WRRC concepts: 40 hours
- Collaborative app development project: 40 hours

Code 401: Advanced Software Development in Full-Stack JavaScript

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Code 301: Intermediate Software Development or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- REST API development: 40 hours
- Authentication and authorization: 40 hours
- Data persistence with SQL: 40 hours
- Data structures and algorithms: 40 hours
- Collaborative app development project: 40 hours
- React Fundamentals: 40 hours

- Frontend State management and middleware: 40 hours
- Career coaching and job search prep: 40 hours
- Engineering best practices and cloud deployment: 40 hours
- Collaborative capstone project: 40 hours

Code 401: Advanced Software Development in ASP.NET Core

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Code 301: Intermediate Software Development or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- C# language fundamentals: 40 hours
- REST API development: 40 hours
- Authentication and authorization: 40 hours
- Data structures and algorithms: 40 hours
- Collaborative app development project: 40 hours
- ASP.NET fundamentals: 40 hours
- Frontend development with Razor Pages and/or React: 40 hours
- Career coaching and job search prep: 40 hours
- Engineering best practices and deployment: 40 hours
- Collaborative capstone project: 40 hours

Code 401: Advanced Software Development in Python

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites

Code 301: Intermediate Software Development or equivalent experience.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Python 3 language fundamentals: 40 hours
- Data visualization and machine learning: 40 hours
- Authentication and authorization: 40 hours
- Data structures and algorithms: 40 hours
- Collaborative app development project: 40 hours
- Django MVT framework fundamentals: 40 hours
- React frontend with DRF APIs: 40 hours
- Career coaching and job search prep: 40 hours
- Engineering best practices and deployment: 40 hours
- Collaborative capstone project: 40 hours

Code 401: Advanced Software Development in iOS

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites

Code 301: Intermediate Software Development or equivalent experience.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for

assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Swift language fundamentals: 80 hours
- External Service API interactions: 40 hours
- Data structures and algorithms: 40 hours
- Collaborative app development project: 40 hours
- iOS framework fundamentals: 40 hours
- App design and layout development: 40 hours
- Career coaching and job search prep: 40 hours
- Engineering best practices and deployment: 40 hours
- Collaborative capstone project: 40 hours

Code 401: Advanced Software Development for Mobile Devices

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites

Code 301: Intermediate Software Development or equivalent experience.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Swift language fundamentals: 40 hours
- External Service API interactions: 40 hours
- Data structures and algorithms: 40 hours
- iOS framework fundamentals: 40 hours
- Collaborative app development project: 40 hours
- Android fundamentals: 40 hours
- App design and layout development: 40 hours
- Career coaching and job search prep: 40 hours
- Engineering best practices and deployment: 40 hours
- Collaborative capstone project: 40 hours

Code 401: Advanced Software Development in Java with SpringMVC & Android

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Code 301: Intermediate Software Development or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Java language fundamentals: 40 hours
- SpringMVC framework fundamentals: 40 hours
- Authentication and authorization: 40 hours
- Data structures and algorithms: 40 hours
- Collaborative app development project: 40 hours
- Android fundamentals: 40 hours
- AWS cloud services: 40 hours
- Career coaching and job search prep: 40 hours
- Engineering best practices and deployment: 40 hours
- Collaborative capstone project: 40 hours

Intro to Advanced Courses

Intro to Advanced Full-Stack JavaScript

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Familiarity with basic algebra concepts, Code 101 or equivalent exposure to basic HTML and CSS.

Schedule and Location
This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Code 102: Intro to Software Development
- Code 201: Foundations of Software Development
- Code 301: Intermediate Software Development
- Code 401: Advanced Software Development in Full-Stack JavaScript

Intro to Advanced ASP.NET Core

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Familiarity with basic algebra concepts, Code 101 or equivalent exposure to basic HTML and CSS.

Schedule and Location
This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Code 102: Intro to Software Development
- Code 201: Foundations of Software Development
- Code 301: Intermediate Software Development
- Code 401: Advanced Software Development in ASP.NET Core

Intro to Advanced Python

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Familiarity with basic algebra concepts, Code 101 or equivalent exposure to basic HTML and CSS.

Schedule and Location
This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Code 102: Intro to Software Development
- Code 201: Foundations of Software Development
- Code 301: Intermediate Software Development

- Code 401: Advanced Software Development in Python

Intro to Advanced iOS

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Familiarity with basic algebra concepts, Code 101 or equivalent exposure to basic HTML and CSS.

Schedule and Location
This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Code 102: Intro to Software Development
- Code 201: Foundations of Software Development

- Code 301: Intermediate Software Development
- Code 401: Advanced Software Development in iOS

Intro to Advanced Software Development for Mobile Devices

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Familiarity with basic algebra concepts, Code 101 or equivalent exposure to basic HTML and CSS.

Schedule and Location
This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Code 102: Intro to Software Development

- Code 201: Foundations of Software Development
- Code 301: Intermediate Software Development
- Code 401: Advanced Software Development for Mobile Devices

Intro to Advanced Java with SpringMVC & Android

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a web developer job.

Prerequisites
Familiarity with basic algebra concepts, Code 101 or equivalent exposure to basic HTML and CSS.

Schedule and Location
This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Code 102: Intro to Software Development
- Code 201: Foundations of Software Development
- Code 301: Intermediate Software Development
- Code 401: Advanced Software Development in Java with SpringMVC & Android

Ops and Cybersecurity Certificate Program

About the Program

Students will learn the best practices of cybersecurity engineering and receive holistic training to prepare them to be excellent SOC Analysts or Cybersecurity Engineers for companies of all kinds. Students with limited experience will be introduced to the basics of computer operations and taught to understand the risks of vulnerable systems. They progress to the foundations of information technology and technical support. Through individual assignments, project work and group challenges, students will understand the common core of operating systems, authentication, system provisioning, network architecture and hardware, performance monitoring, and logging, in order to develop and support stable, secure, interconnected computer networks. In the final phase, students utilize industry standard tools and techniques to design and provision secure networked computer systems, operate and maintain protected networks, and detect and respond to intrusion attempts. Graduates are considered to be ready for entrance into the workforce as cybersecurity professionals upon successful graduation from the program.

Workshops

Ops 101: Explore Ethical Hacking & Cybersecurity Careers

Objective

Students will understand the role of information security in the modern technology environment. They will learn to ethically identify vulnerable systems and protect from vulnerabilities, given instructor guidance, and example approaches, to easily see the results of their research. They will also collaborate with other students, given a facilitated activity, in order to understand the dynamics of being a technology specialist in a professional work environment. Furthermore, they will utilize professional security tools and be able to share their workshop accomplishments with their friends and family. Finally, they will identify whether a career in technology and the Code Fellows program is right for them, given their experience throughout the workshop and their impressions gained from listening to instructors and TAs share their stories.

Prerequisites

None, this is an introductory workshop.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

This workshop mixes instruction and lab throughout its full day length. The instructor explains topics to the students and then asks students to work together to apply the topics to complete assignments.

Completion Criteria and Award

This workshop is not graded and there are no completion requirements.

Topics Covered

- Foundations of information security
- Basic vulnerability identification and practice with ethical hacking

Modular Courses

Ops 102: Intro to Computer Operations

Objective

Students will understand the basics of how computers operate. They will use instructor guidance, code snippets, web-based documentation,text books, and online tutorial instructions to build a learning journal and work through technology challenges. They will also collaborate with other students in order to understand the dynamics of being a technology specialist in a professional work environment. They will identify whether an Ops 201 course with Code Fellows is right for them, given their experience throughout the workshop and their impressions gained from working with an instructor.

Occupational Outcome

None; this course prepares students for the 201 course.

Prerequisites

Basic home internet usage and computer skills.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
This workshop mixes instruction, live demos, online 3rd-party resources, and lab assignments throughout its daily class time. The instructor explains topics to the students and then asks students to work individually or in small groups to research and apply the topics to complete assignments. Some tasks may need to be completed as homework, outside of scheduled class times.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Computer internals and components: 6 hours
- BIOS and OS security fundamentals: 9
- Drivers and Software: 9 hours
- Virtual Machines and networking: 6 hours

Ops 201: Foundations of Computer Operations

Objective
Students with limited experience will be introduced to the basics of computer configuration, troubleshooting, and support. Students who successfully pass the class will be prepared for admission into Ops 301. The technologies used are generally Windows 10 OS, Ubuntu OS, system backup and imaging tools, and the command line interface.

Occupational Outcome
Sufficient skills to be confident applying for an IT Support / Help Desk job.

Prerequisites
Ops 102: Intro to Computer Operations or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students can expect the first 3 weeks of the program to be structured as a combination of interactive lecture and hands-on lab time supported by instructors and TAs. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. The fourth week is a project week where students work on team projects and create an app.

For nights & weekend students, the course is designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalent.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Linux Diagnostics and IT Service Delivery: 40 hours
- Windows Diagnostics and Troubleshooting Frameworks: 40 hours
- Software, Networking, Virtualization & Cloud Computing: 40 hours
- Collaborative Mock MSP Team Project: 40 hours

Ops 301: Networking and System Administration

Objective
Students will understand the common core of computer networking, in order design, troubleshoot, and support networked IT systems. Students will also have enough experience to be confident applying for an entry-level system administrator job or internship. Additionally, this course prepares students for the Ops 401 course, though it does not guarantee admission.

Occupational Outcome
Sufficient skills to be confident applying for an entry-level System Administrator job.

Prerequisites
Ops 201: Foundations of Computer Operations or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students can expect the first 3 weeks of the program to be structured as a combination of interactive lecture and hands-on lab time supported by instructors and TAs. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. The fourth week is a project week where students work on team projects and create an app.

For nights & weekend students, the course is designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalent.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Infrastructure Design - Network appliances and protocols: 40 hours
- Infrastructure Administration - Identity and server admin: 40 hours
- Cloud Systems Administration - Automation and deployment: 40 hours
- Collaborative team project: 40 hours

Ops 401: DevOps and Cloud Services

Objective
Students will learn the best practices for reliably deploying and monitoring software and receive holistic training to prepare them to be excellent DevOps Engineers for companies of all kinds. Graduates of Ops 401s are considered to be ready for entrance into the workforce as professionals upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving an operations engineer or DevOps job.

Prerequisites
Ops 301: Networking and System Administration or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Scripting with the BASH shell and Python: 40 hours
- System administration with Linux systems and commands: 40 hours
- Scripting server creation, configuration, monitoring, logging: 40 hours
- Configuring containers and orchestration: 40 hours
- Collaborative team project: 40 hours
- Continuous Integration and Continuous Deployment: 40 hours
- Performance monitoring, alerting, and troubleshooting: 40 hours
- Cloud service providers like AWS and Azure, and their toolchains: 40 hours
- GitOps and Kubernetes: 40 hours
- Collaborative capstone project: 40 hours

Ops 401: Cybersecurity Engineering

Objective

Students will learn the best practices for securing IT resources and receive holistic training to prepare them to be excellent security professionals in the modern workforce. Graduates of Ops 401s are considered to be ready for entry-level cybersecurity roles upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving an entry-level cybersecurity job. Examples include Information and Security Analyst, Network and Computer Systems Administrator, Junior Penetration Tester, and Junior SOC Analyst.

Prerequisites

Ops 301: Networking and System Administration or equivalent experience.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources,

while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Information Assurance: 40 hours
- Data Security: 40 hours
- Network Security: 40 hours
- Threat Analysis: 40 hours
- Collaborative team project: 40 hours
- Code & Malware Analysis: 40 hours
- Vulnerability Analysis: 40 hours
- Incident Response & SIEM: 40 hours
- Penetration Testing: 40 hours
- Collaborative capstone project: 40 hours

Intro to Advanced Courses

Intro to Advanced DevOps and Cloud Services

Objective

Students will learn the best practices for reliably deploying and monitoring software and receive holistic training to prepare them to be excellent DevOps Engineers for companies of all kinds. Graduates are considered to be ready for entrance into the workforce as professionals upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving an operations engineer or DevOps job.

Prerequisites

Basic home internet usage and computer skills, Ops 101 or equivalent experience.

Schedule and Location

This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Ops 102: Intro to Computer Operations
- Ops 201: Foundations of Computer Operations
- Ops 301: Networking and System Administration
- Ops 401: DevOps and Cloud Services

Intro to Advanced Cybersecurity Engineering

Objective

Students will learn the best practices for securing IT resources and receive holistic training to prepare them to be excellent security professionals in the modern workforce. Graduates are considered to be ready for entry-level cybersecurity roles upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving an entry-level cybersecurity job. Examples include Information and Security Analyst, Network and Computer Systems Administrator, Junior Penetration Tester, and Junior SOC Analyst.

Prerequisites

Basic home internet usage and computer skills, Ops 101 or equivalent experience.

Schedule and Location

This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Ops 102: Intro to Computer Operations
- Ops 201: Foundations of Computer Operations
- Ops 301: Networking and System Administration
- Ops 401: Cybersecurity Engineering

Data Analysis Certificate Program

About the Program

Students will learn the best practices of data analysis and receive holistic training to prepare them to be excellent Data Analysts or Data Engineers for companies of all kinds. Students with limited experience will be introduced to the basics of data management and taught to understand the process of using data to answer valuable questions. They progress to the foundations of various databases and manipulating data. Through individual assignments, project work and group challenges, students will practice data cleansing, queries, database administration, database security, and data management, in order to develop and support meaningful business intelligence reports. In the final phase, students utilize industry standard tools and techniques to design data models, create visualizations that tell a story, process large

data sets with statistical and descriptive analysis. Graduates are considered to be ready for entrance into the workforce as data professionals upon successful graduation from the program.

Workshops

Data 101: Explore Data Analysis

Objective

Students will understand the role of Data Analysts in the modern technology environment. They will learn to work with data sets and analysis tools, given instructor guidance, and example approaches, to easily see the results of their research. They will also collaborate with other students, given a facilitated activity, in order to understand the dynamics of being a technology specialist in a professional work environment. Furthermore, they will utilize professional Data Analyst tools and be able to share their workshop accomplishments with their friends and family. Finally, they will identify whether a career in technology and the Code Fellows program is right for them, given their experience throughout the workshop and their impressions gained from listening to instructors and TAs share their stories.

Prerequisites

None, this is an introductory workshop.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

This workshop mixes instruction and lab throughout its full day length. The instructor explains topics to the students and then asks students to work together to apply the topics to complete assignments.

Completion Criteria and Award

This workshop is not graded and there are no completion requirements.

Topics Covered

- Foundations of Data Analysis
- Basics of data management and practice with data analysis and visualizations

Modular Courses

Data 102: Intro to Data Analysis

Objective
Students will understand the basics of how data analysis roles operate. They will use instructor guidance, code snippets, web-based documentation, text books, and online tutorial instructions to build a learning journal and work through technology challenges. They will also collaborate with other students in order to understand the dynamics of being a technology specialist in a professional work environment. They will identify whether a Data 201 course with Code Fellows is right for them, given their experience throughout the workshop and their impressions gained from working with an instructor.

Occupational Outcome
None; this course prepares students for the 201 course.

Prerequisites
Basic home internet usage and computer skills.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
This workshop mixes instruction, live demos, online 3rd-party resources, and lab assignments throughout its daily class time. The instructor explains topics to the students and then asks students to work individually or in small groups to research and apply the topics to complete assignments. Some tasks may need to be completed as homework, outside of scheduled class times.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Data analysis fundamentals: 6 hours
- Spreadsheet data management: 9
- Spreadsheet data visualizations: 9 hours
- Essential analytical functions: 6 hours

Data 201: Foundations of Data Analysis

Objective
Students with limited experience will be introduced to the basics of professional data analysis. Students who successfully pass the class will be prepared for admission into Data 301. The technologies used are generally spreadsheets, Tableau or PowerBI, git and GitHub, and the command line interface.

Occupational Outcome
Sufficient skills to be confident applying for a data visualization internship.

Prerequisites
Data 102: Intro to Data Analysis or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students can expect the first 3 weeks of the program to be structured as a combination of interactive lecture and hands-on lab time supported by instructors and TAs. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. The fourth week is a project week where students work on team projects and create an app.

For nights & weekend students, the course is designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalent.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Advanced spreadsheet functions and visualizations: 40 hours
- Data ETL, visualization, and dashboard tooling: 40 hours
- Interactive data presentations: 40 hours
- Collaborative Mock Data Analysis Team Project: 40 hours

Data 301: Database Systems

Objective
Students will understand the common core of databases, in order design, troubleshoot, and support database systems. Students will also have enough experience to be confident applying for an entry-level database manager role. Additionally, this course prepares students for the Data 401 course, though it does not guarantee admission.

Occupational Outcome
Sufficient skills to be confident applying for an entry-level database management job.

Prerequisites
Data 201: Foundations of Data Analysis or equivalent experience.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students can expect the first 3 weeks of the program to be structured as a combination of interactive lecture and hands-on lab time supported by instructors and TAs. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. The fourth week is a project week where students work on team projects and create an app.

For nights & weekend students, the course is designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalent.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of completion.

Topics Covered

- Database design and queries: 40 hours
- Database administration: 40 hours
- Cloud database systems: 40 hours
- Collaborative team project: 40 hours

Data 401: Data Analysis

Objective

Students will learn the best practices for reliably working with data sets to produce meaningful business insights and receive holistic training to prepare them to be excellent Data Analysts for companies of all kinds. Graduates of Data 401s are considered to be ready for entrance into the workforce as professionals upon successful graduation from the program.

Occupational Outcome

Sufficient skills to be confident applying for and receiving a data engineer or data analyst role.

Prerequisites

Data 301: Database Systems or equivalent experience.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Scripting with Python: 40 hours
- Data structures and algorithms: 40 hours
- Data tooling configuration, monitoring, logging: 40 hours
- Configuring data management tools like Hadoop, Spark: 40 hours
- Collaborative team project: 40 hours
- Map reduce pipelines: 40 hours

- Data modeling: 40 hours
- Predictive analysis: 40 hours
- Machine learning: 40 hours
- Collaborative capstone project: 40 hours

Intro to Advanced Courses

Intro to Advanced Data Analysis

Objective
Students will learn the best practices for reliably working with data sets to produce meaningful business insights and receive holistic training to prepare them to be excellent Data Analysts for companies of all kinds. Graduates of Data 401s are considered to be ready for entrance into the workforce as professionals upon successful graduation from the program.

Occupational Outcome
Sufficient skills to be confident applying for and receiving a data engineer or data analyst role.

Prerequisites
Basic home internet usage and computer skills, Data 101: Explore Data Analysis or equivalent experience.

Schedule and Location
This course is offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Data 102: Intro to Data Analysis
- Data 201: Foundations of Data Analysis
- Data 301: Database Systems
- Data 401: Data Analysis

Technology Instruction Certificate Program

About the Program

Students will learn the best practices of instruction done the Code Fellows way, and become world-class technology education leaders. Graduates are considered to be ready for entrance into the workforce as professional instructors on a variety of technology topics.

Instructing Code 201: Foundations of Software Development

Objective

Aspiring Instructors will get the opportunity to learn how to teach the associated course as an instructor. Individuals will master concepts, knowledge, and lecture techniques for this course. In addition, individuals will learn professional skills in empathy, listening, and how to be a great instructor for this course.

Occupational Outcome

Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites

Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 3-5 years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Instruction is in-person or remote. Individuals will serve as Assistant Instructor, shadowing a Lead Instructor for the entirety of the course, from new student welcome through evaluating student course lab work, administering assessments, and final project grading. Aspiring

instructors study provided materials and online 3rd-party resources, while they work on assignments and projects. Assignments will guide aspiring instructors in how to prepare for all the lectures for the course, and require them to demonstrate instructional techniques in the classroom, under the observation of the lead instructor.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of instruction.

Topics Covered

- Learn to teach semantic HTML and CSS styling and layout: 40 hours
- Learn to teach interactive JS and DOM Manipulation: 40 hours
- Learn to teach CS Fundamentals with JS: 40 hours
- Learn to teach collaborative app development project: 40 hours

Instructing Code 301: Intermediate Software Development

Objective
Aspiring Instructors will get the opportunity to learn how to teach the associated course as an instructor. Individuals will master concepts, knowledge, and lecture techniques for this course. In addition, individuals will learn professional skills in empathy, listening, and how to be a great instructor for this course.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 3-5 years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Instruction is in-person or remote. Individuals will serve as Assistant Instructor, shadowing a Lead Instructor for the entirety of the course, from new student welcome through evaluating student course lab work, administering assessments, and final project grading. Aspiring

instructors study provided materials and online 3rd-party resources, while they work on assignments and projects. Assignments will guide aspiring instructors in how to prepare for all the lectures for the course, and require them to demonstrate instructional techniques in the classroom, under the observation of the lead instructor.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of instruction.

Topics Covered

- Learn to teach frontend web dev & advanced CSS: 40 hours
- Learn to teach backend web dev & APIs: 40 hours
- Learn to teach MVC apps and WRRC concepts: 40 hours
- Learn to teach collaborative app development project: 40 hours

Instructing Code 401: Advanced Software Development in Full-Stack JavaScript

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for

assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach REST API development: 40 hours
- Learn to teach authentication and authorization: 40 hours
- Learn to teach data persistence with SQL: 40 hours
- Learn to teach data structures and algorithms: 40 hours
- Learn to teach collaborative app development project: 40 hours
- Learn to teach React fundamentals: 40 hours
- Learn to teach frontend state management and middleware: 40 hours
- Learn to teach career coaching and job search prep: 40 hours
- Learn to teach engineering best practices and cloud deployment: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Code 401: Advanced Software Development in ASP.NET Core

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites

Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or

- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach C# language fundamentals: 40 hours
- Learn to teach REST API development: 40 hours
- Learn to teach authentication and authorization: 40 hours
- Learn to teach data structures and algorithms: 40 hours
- Learn to teach collaborative app development project: 40 hours
- Learn to teach ASP.NET fundamentals: 40 hours
- Learn to teach frontend development with Razor Pages and/or React: 40 hours
- Learn to teach career coaching and job search prep: 40 hours
- Learn to teach engineering best practices and cloud deployment: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Code 401: Advanced Software Development in Python

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code

401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites

Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach Python 3 language fundamentals: 40 hours
- Learn to teach data visualization and machine learning: 40 hours
- Learn to teach authentication and authorization: 40 hours
- Learn to teach data structures and algorithms: 40 hours
- Learn to teach collaborative app development project: 40 hours
- Learn to teach Django MVT framework fundamentals: 40 hours
- Learn to teach React frontend with DRF APIs: 40 hours
- Learn to teach career coaching and job search prep: 40 hours

- Learn to teach engineering best practices and cloud deployment: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Code 401: Advanced Software Development in iOS

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:
- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach Swift language fundamentals: 80 hours
- Learn to teach external service API interactions: 40 hours
- Learn to teach data structures and algorithms: 40 hours
- Learn to teach collaborative app development project: 40 hours
- Learn to teach iOS framework fundamentals: 40 hours
- Learn to teach app design and layout development: 40 hours
- Learn to teach career coaching and job search prep: 40 hours
- Learn to teach engineering best practices and cloud deployment: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Code 401: Advanced Software Development for Mobile Devices

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites

Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for

assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach Swift language fundamentals: 40 hours
- Learn to teach external service API interactions: 40 hours
- Learn to teach data structures and algorithms: 40 hours
- Learn to teach iOS framework fundamentals: 40 hours
- Learn to teach collaborative app development project: 40 hours
- Learn to teach Android fundamentals: 40 hours
- Learn to teach app design and layout development: 40 hours
- Learn to teach career coaching and job search prep: 40 hours
- Learn to teach engineering best practices and cloud deployment: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Code 401: Advanced Software Development in Java with SpringMVC & Android

Objective

Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome

Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites

Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach Java language fundamentals: 40 hours
- Learn to teach SpringMVC framework fundamentals: 40 hours
- Learn to teach authentication and authorization: 40 hours
- Learn to teach data structures and algorithms: 40 hours
- Learn to teach collaborative app development project: 40 hours
- Learn to teach Android fundamentals: 40 hours
- Learn to teach AWS cloud services: 40 hours
- Learn to teach career coaching and job search prep: 40 hours
- Learn to teach engineering best practices and cloud deployment: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Ops 201: Foundations of Computer Operations

Objective

Aspiring Instructors will get the opportunity to learn how to teach the associated course as an instructor. Individuals will master concepts, knowledge, and lecture techniques for this course. In addition, individuals will learn professional skills in empathy, listening, and how to be a great instructor for this course.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:
- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 3-5 years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Instruction is in-person or remote. Individuals will serve as Assistant Instructor, shadowing a Lead Instructor for the entirety of the course, from new student welcome through evaluating student course lab work, administering assessments, and final project grading. Aspiring instructors study provided materials and online 3rd-party resources, while they work on assignments and projects. Assignments will guide aspiring instructors in how to prepare for all the lectures for the course, and require them to demonstrate instructional techniques in the classroom, under the observation of the lead instructor.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of instruction.

Topics Covered

- Learn to teach Linux diagnostics and IT service delivery: 40 hours
- Learn to teach Windows diagnostics and troubleshooting frameworks: 40 hours
- Learn to teach Software, Networking, Virtualization & Cloud Computing: 40 hours
- Learn to teach collaborative Mock MSP team project: 40 hours

Instructing Ops 301: Networking and System Administration

Objective
Aspiring Instructors will get the opportunity to learn how to teach the associated course as an instructor. Individuals will master concepts, knowledge, and lecture techniques for this course. In addition, individuals will learn professional skills in empathy, listening, and how to be a great instructor for this course.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:
- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 3-5 years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Instruction is in-person or remote. Individuals will serve as Assistant Instructor, shadowing a Lead Instructor for the entirety of the course, from new student welcome through evaluating student course lab work, administering assessments, and final project grading. Aspiring instructors study provided materials and online 3rd-party resources, while they work on assignments and projects. Assignments will guide aspiring instructors in how to prepare for all the lectures for the course, and require them to demonstrate instructional techniques in the classroom, under the observation of the lead instructor.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of instruction.

Topics Covered

- Learn to teach infrastructure design - network appliances and protocols: 40 hours
- Learn to teach infrastructure administration - identity and server admin: 40 hours
- Learn to teach cloud systems administration - automation and deployment: 40 hours
- Learn to teach collaborative team project: 40 hours

Instructing Ops 401: DevOps and Cloud Services

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:
- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach scripting with the BASH shell and Python: 40 hours
- Learn to teach system administration with Linux systems and commands: 40 hours
- Learn to teach scripting server creation, configuration, monitoring, logging: 40 hours
- Learn to teach configuring containers and orchestration: 40 hours
- Learn to teach collaborative team project: 40 hours
- Learn to teach continuous integration and continuous deployment: 40 hours
- Learn to teach performance monitoring, alerting, and troubleshooting: 40 hours
- Learn to teach cloud service providers like AWS & Azure, and their toolchains: 40 hours
- Learn to teach GitOps and Kubernetes: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Ops 401: Cybersecurity Engineering

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award
Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach information assurance: 40 hours

- Learn to teach data security: 40 hours
- Learn to teach network security: 40 hours
- Learn to teach threat analysis: 40 hours
- Learn to teach collaborative team project: 40 hours
- Learn to teach code & malware analysis: 40 hours
- Learn to teach vulnerability analysis: 40 hours
- Learn to teach incident response & SIEM: 40 hours
- Learn to teach penetration testing: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Instructing Data 201: Foundations of Data Analysis

Objective

Aspiring Instructors will get the opportunity to learn how to teach the associated course as an instructor. Individuals will master concepts, knowledge, and lecture techniques for this course. In addition, individuals will learn professional skills in empathy, listening, and how to be a great instructor for this course.

Occupational Outcome

Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites

Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 3-5 years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Instruction is in-person or remote. Individuals will serve as Assistant Instructor, shadowing a Lead Instructor for the entirety of the course, from new student welcome through evaluating student course lab work, administering assessments, and final project grading. Aspiring instructors study provided materials and online 3rd-party resources, while they work on assignments and projects. Assignments will guide aspiring instructors in how to prepare for all the lectures for the course, and require them to demonstrate instructional techniques in the classroom, under the observation of the lead instructor.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of instruction.

Topics Covered

- Learn to teach advanced spreadsheet functions and visualizations: 40 hours
- Learn to teach data ETL, visualization, and dashboard tooling: 40 hours
- Learn to teach interactive data presentations: 40 hours
- Learn to teach collaborative mock data analysis team project: 40 hours

Instructing Data 301: Database Systems

Objective
Aspiring Instructors will get the opportunity to learn how to teach the associated course as an instructor. Individuals will master concepts, knowledge, and lecture techniques for this course. In addition, individuals will learn professional skills in empathy, listening, and how to be a great instructor for this course.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 3-5 years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Instruction is in-person or remote. Individuals will serve as Assistant Instructor, shadowing a Lead Instructor for the entirety of the course, from new student welcome through evaluating student course lab work, administering assessments, and final project grading. Aspiring instructors study provided materials and online 3rd-party resources, while they work on assignments and projects. Assignments will guide aspiring instructors in how to prepare for all the lectures for the course, and require them to demonstrate instructional techniques in the classroom, under the observation of the lead instructor.

Completion Criteria and Award
A grade of 90% or higher is required to pass and receive a certificate of instruction.

Topics Covered

- Learn to teach database design and queries: 40 hours
- Learn to teach database administration: 40 hours
- Learn to teach cloud database systems: 40 hours
- Learn to teach collaborative team project: 40 hours

Instructing Data 401: Data Analysis

Objective
Students will learn the best practices for developing software and receive holistic training to prepare them to be excellent software developers for companies of all kinds. Graduates of Code 401s are considered to be ready for entrance into the workforce as professional developers upon successful graduation from the program.

Occupational Outcome
Individuals will have the sufficient teaching skills and confidence to teach the course to students at this level.

Prerequisites
Must have at least one of the following:

- Passed the associated course from Code Fellows with a grade of 90% or higher; or
- Have 5+ years of relevant industry experience (or equivalent) using the same technologies taught in the associated course's curriculum.

Schedule and Location
This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction
Daytime students, during instruction weeks, experience a combination of interactive lecture from an instructor, supervised lab time, and unsupervised coworking and pair-programming time for assignments and projects. Students study provided materials and online 3rd-party resources, while they work on assignments and projects. Approximately every fifth day of instruction includes focused job skills training and workshops, in addition to lab/coworking time for assignments and projects. During project weeks, which are all lab-only, students work with a team of peers on special projects, with instructor and TA oversight and guidance.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Completion Criteria and Award

Students must earn a passing grade of 90% in order to pass, become graduates of Code Fellows and be awarded a certificate of graduation.

Topics Covered

- Learn to teach scripting with Python: 40 hours
- Learn to teach data structures and algorithms: 40 hours
- Learn to teach data tooling configuration, monitoring, logging: 40 hours
- Learn to teach configuring data management tools like Hadoop, Spark: 40 hours
- Learn to teach collaborative team project: 40 hours
- Learn to teach map reduce pipelines: 40 hours
- Learn to teach data modeling: 40 hours
- Learn to teach predictive analysis: 40 hours
- Learn to teach machine learning: 40 hours
- Learn to teach collaborative capstone project: 40 hours

Professional and Continuing Education (Non-Certificate Courses)

501 Courses

Objective

Students will learn the best practices for working with specific technologies. Those who complete the assigned work in a 501 are considered proficient with the topic, and ready to start using it in a professional context.

Occupational Outcome

Have sufficient skills to be confident with implementing the technology professionally.

Schedule and Location

This course is offered as a self-paced option online with instructional support. It's also offered as instructor-paced, during the daytime or during nights and weekends, either in-person or online.

Method of Instruction

Students will receive a combination of interactive lecture from an instructor, supervised lab time, 1-on-1 guidance from instructional staff, and unsupervised coworking and pair-programming time for assignments and projects. Students are given recommended assignments to complete.

For nights & weekend students, the courses are designed to provide the same curriculum, content, and experience over roughly twice the duration of the daytime course equivalents.

Specific 501 Courses Offered

Courses are taught for various specific technical areas, ranging from platform-specific topics such as Salesforce, iOS (Swift and Objective-C) or Android, to language-specific topics like Java, .NET, or C++, to framework-specific topics (e.g. React, Angular, or Unity). Courses covering special topics or tools are also offered (e.g. Cybersecurity, Data Structures & Algorithms, Virtual Reality development, or Agile project management).

Section 7: Admissions Policy and Procedure

Entrance Requirements & Evaluation

All applicants must be over the age of 18, as Code Fellows does not accept anyone under the age of 18 even with parental consent. Applicants for classes are expected to have a laptop with a fully-updated version of macOS, Windows, or Linux operating system, and wireless internet capability. Applicants are expected to have a minimum level of experience working with computers and software generally, depending on the course level. The specifics of this minimum level vary depending on the class. Students should be able to type roughly 40 words per minute or greater.

All 101 Workshops: This workshop is open to all applicants, and offered on a first come, first served basis. This course is a 1-day workshop geared toward those with limited computer familiarity .

All 102 Workshops: This workshop is open to all applicants that complete the phone interview, and is offered on a first come, first served basis. This is a 30 hour course geared toward covering the pre-work for 201, while getting a tour of the tools and techniques used in the tech industry. .

All 201 Courses: Applicants must complete a phone interview and either successfully complete 102 Workshop with a grade of Pass. Applicants can also ‘test-in’ or apply directly to 201 by completing a phone interview, independent computer setup, and passing an entrance test. The entrance test for 201 is designed to demonstrate comprehension of concepts covered in the 102 Workshop.

All 301 Courses: Students who have successfully completed 201 with a grade of 90% or higher as outlined in the course grading rubric will be eligible for enrollment in 301. Applicants can also ‘test-in’ or apply directly to 301 by completing a phone interview and passing an evaluation. The evaluation for 301 is designed to demonstrate comprehension of concepts covered in the 201 course.

All 401 Courses: Our 401 programs are focused on preparing students to be 'job ready' for a position in the tech industry. Because of this, our admissions standards for these intensive programs are quite rigorous. Applicants who apply directly to the course must complete an application, complete an evaluation, and pass an in-person or remote interview. Students may also obtain admission to the program by passing the prerequisite 301 course with a grade of 90% or higher as outlined in the grading rubric. The evaluation for 401 is designed to demonstrate comprehension of concepts covered in the 301 course.

All 501 Courses: Professional and Continuing Education: Our 500-level programs are focused on training students who already have professional-level developer skills. This "continuing education" will offer intensive courses focused on singular advanced topics. Courses are open to all who feel they have the background required for each individual offering. While feedback on performance may be given by the instructor, there is no grade given for the course. Attendance is taken and 90% attendance is required for the student's transcript to denote completing the course.

Acceptance Notification Policy

Students are notified via email of acceptance or denial within two (2) business days of completing the application process.

Reapplication Policy

Students who are denied admission for this course are notified via email and eligible to apply to a future course section.

Admissions Fees

Code Fellows does not charge any fees for admission.

Identity Verification Policy

At the time of enrollment, Code Fellows shall collect the following personally identifiable information from each enrolled student: first and last name, mailing address, county of residence, state of residence, telephone number, email address, Social Security number, date of birth, gender, veterans status, disability status, national origin, and ethnicity or race.

Code Fellows is required by law to ask students for their social security number and we report this information to the state's agency for private career schools. The state agency uses this information for research purposes only, to measure performance outcomes of education programs on the state's Eligible Training Provider List. Code Fellows participates on this list so that we can train students who are eligible for certain types of financial aid. The student will not be denied any benefits or privileges provided by law if they do not provide their social security number. Our organization and the state agency for private career schools will take extensive measures to protect the social security number from unauthorized use. If a student has

questions about the uses of the data or data security, they may contact the state agency.

If a student refuses to release his or her Social Security number, the school may assign an alternative identification number. Students must provide their own personally identifiable information. School personnel may not enter personally identifiable information regarding a student that was derived from personal observations.

Code Fellows must record for the name of the program in which each student has enrolled and the date on which each student graduated, withdrew, failed, or was dismissed from the school. This information must be reported to the state agency for private career schools at least once each year. Code Fellows may not disclose student's personally identifiable information to anyone other than:

- The student
- The state agency for private career schools; or
- Other local, state, or federal officials as allowed by law.

Code Fellows does not accept any student under the age of 18. Since all students are beyond the age of compulsory education, Code Fellows does not require a copy of their high school diploma or GED certificate.

Non-Discrimination Policy

Code Fellows does not discriminate against students or potential students on the basis of race, creed, color, national origin, sex, veteran or military status, sexual orientation, or the presence of any sensory, mental, or physical disability or the use of a trained guide dog or service animal by a person with a disability. Code Fellows acknowledges that information pertaining to a student's disability is voluntary and confidential, and will be made on an individual basis. If this information is presented, Code Fellows will reasonably attempt to provide an accommodation to overcome the effects of the limitation of the student. All inquiries about accommodations should be made to the Admissions Advisor upon registration of the course.

Transfer Policy / Credit for Previous Training

Code Fellows courses are not credit-based, and therefore we do not accept credit from other institutions through transfer of credit. Courses taken at Code Fellows are unlikely to be eligible for transfer of credit at other institutions. Prior related education and/or military experience of veteran students will be reviewed on a case-by-case individual basis.

Section 8: Academic Policy

Attendance

Regular class attendance is not tracked for self-paced students, as they are able to engage in class material on a flexible schedule.

For each of our courses, Code Fellows records attendance for each student. To pass a course, 90% of attendance is required, tracked and included as part of their grade. This policy is presented to students at the start of each course. If a student reaches 95% attendance, they are provided a warning. When lack of attendance causes a student's grade to fall below 90% irrecoverably, the student is dismissed with a failing grade. In the event of unavoidable absences for reasons such as sickness or bereavement, the administrator and instructor may make case-by-case exceptions to this requirement, at their discretion.

Make-up Work

Self-paced students are expected to make regular progress on their work, even though there is not specific due dates required. When students fall behind, they are able to make up work on a flexible schedule, as arranged with their instructor.

For all other courses, any assignments missed due to absences must be made up within five (5) business days of the student returning to class, unless the student in question makes explicit arrangements with the instructor(s). The instruction team will grade and return those assignments within five (5) business days.

Tardiness

This does not apply to self-paced students.

For all other courses, because of the importance of attendance, not only for the students as individuals but also for the class as a whole, instructors have broad latitude to take whatever actions are necessary in order to correct tardiness problems from students. Tardiness is defined as arriving any later than the scheduled class time. Five (5) instances of tardiness will be tracked as the equivalent of a single day of missed attendance, and class attendance is tracked as part of each student's grade. 90% attendance is required for students to pass, so tardiness can lead to course failure. For example, if a course consists of twenty days, no more than two (2) days of absence are allowed. If a student is tardy for 10 days, they will be dismissed as described below in the "conditions for dismissal" section.

Grading System

Code Fellows provides only a pass/fail transcript, and does not assign letter grades to each student. However, in order to monitor student progress throughout each program, Code Fellows uses a point-based grading system that is introduced to the students on the first day of each program.

Students enrolled in all course schedules receive a specified number of points for assignments, quizzes, projects, participation, lighting talks, and/or other deliverables during the program. Program instructors maintain and update point totals throughout the program such that students

can log in to Code Fellows' Learning Management System (LMS) software, Canvas by Instructure, and view their scores.

Instructors do not assign grades on any curve or adjusted system; all points are assigned completely based on completion of assignments and quality of work and energy invested.

Students in 201, 301, and 401level courses that maintain point totals of less than 90% of their potential points are considered to be underperforming.

Disciplinary Action For Low Grades
Because of the wide variety of circumstances and possible appropriate remedies, Code Fellows gives its instructors broad latitude for handling students with grades below 90%. For example, students with less than 70% of available points in a course can be excused from the program. Students between 70% and 90% may be given a verbal or written warning, or be restricted from participating in group assignments, if it appears they will have difficulty in completing the course.

Student Evaluation Techniques

Code Fellows evaluates its students with a number of approaches, including but not limited to daily assignments, quizzes, pair-programming or team projects, code reviews, and in-class interactions.

Progress Reporting

All 201, 301 and 401 courses, in all Schedules, use Canvas by Instructure, an online Learning Management System (LMS), located at https://canvas.instructure.com. Students are provided with an individual Canvas account upon course enrollment. If a student takes multiple courses with Code Fellows, all course data is stored within their individual Canvas profile. Courses are stored online in Canvas, giving students 24-hour access to their grades, assignments, and other pertinent course information and communications.

401 students have at least three (3) check-in points with their instructor (approximately 25% of the way through the course, approximately at the halfway point of the course, and in the final 25% of the course). For the 201 and 301 courses, students have at least two (2) check-in points with their instructor, the first one being before the halfway point of the course and the second being in the final module of the course. Students on all schedules, including self-paced, can also request ad-hoc meetings with their instructional team, and instructors may request additional meetings with students to review academic progress.

During each check-in, instructors will go over student's grades and assignments that are listed in the student's Canvas account. Students may have the option to re-submit assignments that have not achieved all available points. Students will work with their instructor to develop a timeline to make any changes. During this meeting, the instructor will provide input for what the student needs to complete to achieve admission to the next level course.

Completion & Graduation Requirements

Non-Instructing Certificates
201, 301, and 401-level courses require a final grade of 90% or higher.

Students who successfully complete 201 and 301 level courses will receive a Certificate of Completion, respectively. Students who successfully graduate from 401 courses will receive a Certificate of Training in the specific language or technology studied.

Instruction Certificates
All Instructing courses level 201, 301 and 401 require a final grade of 90% or higher.

Students who successfully complete any 201, 301 or 401 Instructing course will receive a Certificate of Instruction for each successfully completed course.

Code of Conduct & Disciplinary Policies

The Code Fellows Code of Conduct
Please see Appendix B for the Code Fellows Code of Conduct

Reporting Procedures
If you experience or witness unacceptable behavior as described in the Code of Conduct—or have any other concerns—please report it by contacting us via conduct@codefellows.com. All reports will be handled with discretion. In your report please include:

- Your contact information.
- Names (real, nicknames, or pseudonyms) of any individuals involved. If there are additional witnesses, please include them as well. Your account of what occurred, and if you believe the incident is ongoing. If there is a publicly available record (e.g. a mailing list archive or a public IRC logger), please include a link.
- Any additional information that may be helpful.
- After filing a report, a representative will contact you personally, review the incident, follow up with any additional questions, and make a decision as to how to respond.
- If the person who is harassing you is part of the response team, they will recuse themselves from handling your incident. If the complaint originates from a member of the response team, it will be handled by a different member of the response team. We will respect confidentiality requests for the purpose of protecting victims of abuse.

Students aggrieved by action of the school should attempt to resolve these problems with appropriate school officials. Every effort will be made to bring an amicable closure to the concern. Nothing in this policy prevents the student from contacting the Workforce Board (the

state licensing agency) at 360-709-4600 at any time with a concern or a complaint, workforce@wtb.wa.gov.

Conditions for Dismissal

Code Fellows students of all programs are advised, on the first day of their respective programs, of the following conditions that could lead to their dismissal from the course.

- Failure to adhere to the Code of Conduct. As mentioned in the Code of Conduct, Code Fellows takes the professional conduct of its students seriously and will dismiss students for violations.
- Failure to adhere to the Honor Code. Plagiarism is not tolerated.
- Absence for more than 10% of classes. Similar to the previous, absence that is excessive, interruptive, or directly contributes to putting a student behind in a program is an appropriate reason to dismiss someone from a class.
- Inability to keep up with assignments. Although our instructors are encouraged to demonstrate an appropriate level of patience with their students, those who simply cannot keep up with the pace of the class may be dismissed.
- Not meeting financial responsibilities. Enrollment agreements clearly spell out that deposits – at the very least – are required to begin any program. Students who do not pay and refuse to pay will be dismissed.
- Disruptive behavior. Should a student's behavior detract from the class's ability to learn, the student may be dismissed from the class.

Code Fellows staff will meet with the offending student, discuss the problem, agree on a corrective action plan, and deliver a written warning. No more than one written warning will be given; subsequent offenses will result in dismissal.

In severe cases, the offending student may be dismissed immediately. Immediate dismissal will result for a student who claims someone else's work as their own, acts illegally in any manner, refuses to accept a warning, refuses to change behavior within one (1) day after being warned, or whose continued presence causes disruption to the learning environment of classmates.

When a student needs to be dismissed, the Code Fellows Administration notifies the student in writing; this communication contains the effective date and the reason for the dismissal. Immediately upon dismissal, Code Fellows refunds any pro rata tuition due the student per the Code Fellows refund policy.

Conditions for Readmission

Readmission for failing or absent students will be determined on a case-by-case basis. The student will either need to reapply to the program, or in some cases, may be asked to go back and take a preceding course.

Students who are asked to leave the program due to violation of the Code of Conduct will not be eligible for readmission.

Student Complaint/Appeal Process
When a Code Fellows student has a complaint or would like to appeal a dismissal, he/she must request in writing an appointment for an interview with the Code Fellows Administration. The written request should include the following information:

1. Student's full name
2. A statement of the concern including dates, times, instructors, and if applicable, other students involved
3. Date of complaint letter and signature of the student
4. Three dates in which the student would be available for a meeting with the school administrator.

These dates should be within 10 business days of the complaint.

The school administration will notify the student in writing of the appointment date in which the concerns or appeal will be addressed. Every effort will be made to bring an amicable closure to the concern. Should either the student or the school cancel the contract the last date of attendance will be used as the date to calculate any refund in accordance with the school's refund policy.

Section 9: Student Services

Academic Advising
Academic advising may be initiated by school personnel or the student when the need is identified.

Housing
Code Fellows does not provide student housing.

Job Placement Assistance
Upon successful graduation from a Code Fellows 401 course, Code Fellows connects students to hiring partner companies in the Seattle area in order to facilitate introductions and help students find jobs. Code Fellows also offers significant in-class and one-on-one training and assistance to students in order to ensure that they are as prepared for the job search process as possible. This assistance may include, but is not limited to, workshops, assignment to an industry mentor, mock interviews, job skills training, resources and references, workshops, and access to Code Fellows staff to provide direct assistance. Although students are ultimately responsible for the outcomes of their own jobs searches, Code Fellows is committed to ensuring that students put themselves in the best possible position as a part of their job searches. While

placement service may be provided, it is understood that the school cannot promise or guarantee employment to any student or graduate.

Student Records

Code Fellows holds student files for 50 years or until the school closes. If the school closes, records may be forwarded to the Washington Workforce Training and Education Coordination Board.

Upon graduation, each student is allowed access to a copy of his or her transcript. Each student is allowed to request a copy of his or her student records. Students may request copies by writing the school. Code Fellows shall respond within five (5) business days. Student records are available upon request for review by the student at any time.

Availability of records shall comply with the "Family Educational Rights and Privacy Act" (Public Law 93-380 as amended by Public Law 93-568), a Federal law that protects the privacy of student education records.

Section 10: Tuition and Additional Costs

Tuition

For 101 courses, the total cost of tuition is $99, and is fully refundable until 24 hours before the event begins.

For 102 courses, the total cost of tuition is $1,000.

For 201, 301, 401, and 501 courses, unless otherwise agreed to in a private lending agreement and as approved by Code Fellows, admitted students must pay a tuition deposit of $500 to reserve their seat in a course. The remaining tuition balance is due by the first day of instruction. Code Fellows may allow exceptions to this policy in extraordinary circumstances. If you believe you have an extraordinary circumstance, please speak to a member of the Admissions department.

The following additional fees apply to all students:
- Non-refundable registration fee of $100 per 201, 301, or 401 course, that is included in the price of tuition below **
- Payments via credit card are subject to an additional 3.5% convenience charge.
- Late fee (7 days after a payment is missed) 1.5% of the amount outstanding.

Tuition and other fees vary by program as described below:

PROGRAM	101	102	201	301	401	501	Intro to Advanced
HOURS	8	30	160	160	400	40 - 200	750
TUITION	$99	$1,000	$4,900	$4,900	$11,900	$400 - $5,900	$22,900
REGISTRATION FEE**	$0	$0	$100	$100	$100	$100	$100
TOTAL	$99	$1,000	$5,000	$5,000	$12,000	$500 - $6,000	$23,000
REFUND POLICY	See Below	See Below	See Below	See Below	See Below	See Below	See Below

Administrative Fees

Code Fellows does not charge administrative fees.

Textbooks and Workbooks

Code 102, Code 201, Code 301 and Code 401 courses occasionally require textbooks, with an average cost of $50. Additionally, iOS development requires a $99 Apple Developer Program annual subscription. Textbooks and subscriptions are at the student's expense and are not included in the tuition.

Supplies and Materials

Code Fellows does not provide free equipment for student use or loan. Students are required to bring their own recent-model laptop (quad-core Intel i5 processor or better, 16GB of RAM or better) with an up-to-date operating system and wireless Internet capability for all courses at Code Fellows. Students at Code Fellows are often eligible for student discounts through computer manufacturers and retailers.

Any student taking Ops 102, Ops 201, Ops 301, or Ops 401 are required to make a one time, non-refundable, purchase of an Ops Lab Kit * for $400 from the school. The Ops Lab Kit will become the student's property upon payment and is not eligible for a refund. Students are not allowed to supply their own lab kits and must make the purchase through Code Fellows. This Ops Lab Kit can be used for any of the Ops courses individually or for the full sequence.

It is important to note that VA beneficiaries are **not allowed** to use VA benefits to pay for these Ops Lab Kits and the student is fully responsible for the payment of these Kits directly to the school.

**Ops Lab Kit includes; Desktop Power PC & Monitor, Compatible peripherals, Two 32GB USB3 Flash Drives, Sysadmin toolkits, Cat5e networking supplies, Wireless Router, etc.*

Section 11: Financial Options and Assistance

Payment Options

All of our courses (excluding 101 & 102 courses) operate on the same payment structure:
Option 1: Pay the tuition in full up front.
Option 2: Apply for funding through a third party. Student is still responsible for the deposit.

For loans towards your tuition, we have partnered with private third-party lenders to provide a low-interest financing option for Code Fellows students.

Scholarships

Code Fellows offers a number of scholarships as part of our Scholarship Fund for eligible courses at Code Fellows. The number of scholarships awarded depends upon available funding and the qualifications of the applicants relative to each other. To apply for a scholarship, the student must apply to an eligible Code Fellows course first. Applicantswill receive information on how to proceed with the scholarship application. The application consists of a series of short essay questions. Scholarship amounts are up to 70% of total tuition cost, with the exception of our Black American scholarship which covers 100% of the tuition.

All scholarship applications are reviewed by the scholarship review committee. Each essay question included in the application is graded on a scale of 4-Excellent, 3-Good, 2-Fair, 1-Poor. The applicants who receive the highest overall score are awarded full scholarships, and depending on the total number of scholarship applicants, awards ranging from 10% to 70% may be available.

Applicants and recipients are notified via email of whether or not they were awarded a scholarship. Recipients, if they choose to accept the scholarship funds, are instructed to sign their student contract and pay their deposit, and the scholarship funds will then be credited to their account within two (2) business days.

Worker Retraining Program

Code Fellows is an eligible training provider for Washington State's Worker Retraining Program which serves those facing unemployment or imminent layoffs. It provides funding for eligible unemployed workers to pursue training and ultimately regain employment. Qualified students may receive financial assistance to help with tuition, covering up to 15% of the total tuition cost. WRT funding is applicable to one (1) 201 course, one (1) 301 course, and one (1) 401 course. The program is administered by the State Board for Community and Technical Colleges.

Students may qualify if they are:

- A resident of Washington State
- Unemployed or about to be laid off
    - *To qualify, they must be eligible for or have exhausted their unemployment compensation benefits within the last 48 months.*
- A displaced homemaker
- Formerly self-employed
- A member of the military with a separation notice
- An unemployed veteran recently separated from service
- A “vulnerable worker” (someone who is employed but in a declining occupation and has less than one year of college education plus a credential)

To determine if a student is eligible for the Worker Retraining Program, our admissions team will send them a link to a survey that will address the specific qualifications for the program. If the student meets the initial qualifications, they must provide the appropriate documentation to the Admissions Advisor prior to starting the course to verify their status. Once eligibility is confirmed, the Admissions Advisor will let the student know how much funding is available to them. Funding amounts are up to 15% of total tuition cost and are reflected on the tuition invoice.

Veterans Benefits Approval

Selected programs of study at Code Fellows are approved by the Workforce Training and Education Coordinating Board's State Approving Agency (WTECB/SAA) for enrollment of those eligible to receive benefits under Title 38 and Title 10, USC. Code Fellows has been certified by both Washington State and Federal Veterans Administrations to accept:

- Post-9/11 GI Bill® (Ch. 33)
- Montgomery GI Bill (Ch. 30)
- Veteran Readiness and Employment VR&E (Ch. 31)
- Select Reserve GI Bill (Ch. 1606)
- REAP GI Bill (Ch. 1607)
- Dependents Educational Assistance (DEA) (Ch. 35)

> ‘‘GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at https://www.benefits.va.gov/gibill."

Schools must limit student enrollment to 85% veteran enrollment per course. In the event that a veteran wishes to enroll in a class that has already reached the 85% cap, he or she may do that but will not be eligible for VA funding. Chapter 35 and 33 students may still enroll even if the 85% has been realized.

Code Fellows also provides assistance, in the form of a discount, for students using VA funding who have a shortage of available benefits. For example, if a student has less than 100% of GI

bill benefits, Code Fellows may waive the balance due from such a shortage (subject to review by the management team and of available funds).

VA approved programs of study at Code Fellows must be taken on in-person. VA beneficiaries are ineligible to attend remote online courses using VA benefits. Code Fellows has a Manager of Veterans Programs to assist the military community and two (2) VA School Certifying Officials.

Code Fellows does not and will not provide any commission, bonus, or other incentive payment based directly or indirectly on success in securing enrollment or financial aid to any persons or entities engaged in any student recruiting, admissions activities or in making decisions regarding the awarding of student financial assistance.

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the students enrollment;
- Assess a late penalty fee to;
- Require student secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- Produce the Certificate of Eligibility by the first day of class;
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies

Section 12: Cancellation, Withdrawal, and Refund Policy

Withdrawing from School

A Code Fellows student may cancel enrollment by giving written notice to Code Fellows Administration (email notification is acceptable). Unless the school has discontinued the program of instruction and/or the applicant is not accepted, the student is financially obligated to the school according to the following Cancellation and Refund Policy.

Cancellation and Refund Policy

102 Courses (In-person or live online)

Students signed up for any 102 courses, are refundable per the following chart below:

If the student completes this amount of training:	**The school may keep this percentage of the tuition cost:**	**30 hour program**
One week or up to 10%, whichever is less	10%	Up to 3 hours
More than one week or 10% whichever is less but less than 25%	25%	Over 3 hours, up to 7.5 hours
25% through 50%	50%	Over 7.5 hours, up to 15 hours
More than 50%	100%	Over 15 hours

Courses level 201 or higher (In-person or live online)

1. Code Fellows refunds all money paid if the applicant cancels within (seven) 7 days after the day the contract is signed or an initial payment is made, as long as the applicant has not begun training.

2. If a student cancels past the seventh day after signing a contract or making an initial payment, Code Fellows may retain the $100 registration fee.

3. *Thereafter*, a student will be liable for:
- the $100 registration fee, plus
- the cost of any textbooks or other fees, plus
- tuition liability as of the student's official date of termination* (see note below).

Course Duration and % of student liability within week of progress:

Week	4 Weeks	9 Weeks	10 Weeks	22 - 23 Weeks	45 Weeks
1	0%	0%	0%	0%	0%
2	25%	25%	25%	10%	10%
3	50%	50%	50%	25%	10%
4	100%	50%	50%	25%	10%
5		100%	50%	25%	25%
6		100%	100%	50%	25%
7		100%	100%	50%	25%

8		100%	100%	50%	25%
9			100%	50%	25%
10			100%	50%	25%
11				50%	25%
12 - 22				100%	50%
23 - 45				100%	100%

Courses level 102 or higher (Self-paced)

1. Code Fellows refunds all money paid if the applicant cancels within (seven) 7 days after the day the contract is signed or an initial payment is made, as long as the applicant has not begun training.

2. If a student cancels past the seventh day after signing a contract or making an initial payment, Code Fellows may retain the $100 registration fee.

3. *Thereafter*, a student will be liable for:
- the $100 registration fee, plus
- the cost of any textbooks or other fees, plus
- tuition percentage based on the student's class completion as per the following matrix.

Course Level ->	**102**	**201**	**301**	**401**	**501**
Class 1	10%	5%	5%	2%	10%
Class 2	20%	10%	10%	4%	20%
Class 3	30%	15%	15%	6%	30%
Class 4	40%	20%	20%	8%	40%
Class 5	50%	25%	25%	10%	50%
Class 6	100%	30%	30%	12%	100%
Class 7	100%	35%	35%	14%	100%
Class 8	100%	40%	40%	16%	100%
Class 9	100%	45%	45%	18%	100%
Class 10	100%	50%	50%	20%	100%

Class 11		100%	100%	22%	
Class 12		100%	100%	24%	
Class 13		100%	100%	26%	
Class 14		100%	100%	28%	
Class 15		100%	100%	30%	
Class 16		100%	100%	32%	
Class 17		100%	100%	34%	
Class 18		100%	100%	36%	
Class 19		100%	100%	38%	
Class 20		100%	100%	40%	
Class 21				42%	
Class 22				44%	
Class 23				46%	
Class 24				48%	
Class 25				50%	
Class 26 - 50				100%	

All refunds will be paid within 30 calendar days of the student's official termination date.

The student's official date of termination is:

- The date on which the school receives written notice of the student's intention to discontinue coursework (email notification is acceptable),
- or the last day of activity in the LMS if there has been no activity for 30 consecutive days, whichever occurs last,
- or the date on which the student is released for a violation of this agreement or a published school policy which provides for release.

Prorated Refund Policy for VA Students

Code Fellows agrees that if a veteran student fails to enter the course, withdraws, or is discontinued at any time prior to completion of the course, the unused portion of paid tuition, fees, and other charges will be refunded or the debt for such tuition, fees, and other charges will be canceled on a prorated basis, as follows:

1. **Registration Fee:** An established registration fee in an amount not to exceed $10 need not be subject to proration. Where the established registration fee is more than $10, the amount in excess of $10 will be subject to proration.

2. **Breakage Fee:** Where the school has a breakage fee, it may provide for the retention of only the exact amount of breakage, with the remaining part, if any, to be refunded.
3. **Consumable Instruction Supplies:** Where the school makes a separate charge for consumable instructional supplies, as distinguished from laboratory fees, the exact amount of the charges for supplies consumed may be retained but any remaining part must be refunded.
4. **Books, Supplies, and Equipment:**
   a) The school will make a refund in full for the amount of the charge for unissued books, supplies, and equipment when:
      - The school furnishes the books, supplies, and equipment,
      - The school includes their costs in the total charge payable to the school for the course,
      - The veteran or eligible person withdraws or is discontinued before completing the course.

   b) The veterans or eligible person may dispose of issued items at his or her discretion even if they were included in the total charge payable to the school for the course.
5. **Tuition and Other Charges:** Where the school either has or adopts an established policy for the refund of the unused portion of tuition, fees, and other charges subject to proration, which is more favorable to the veteran or eligible person that the approximate pro rata basis as provided in this subparagraph, such established policy will be applicable. Otherwise, the school may charge a sum which does not vary more than 10 percent from the exact pro rata portion of such tuition, fees, and other charges that the length of the completed portion of the course bears to its total length. The exact proration will be determined on the ratio of the number of days of instruction completed by the student to the total number of instructional days in the course.
6. **Prompt Refund:** In the event that the veteran, spouse, surviving spouse, or child fails to enter the course, or withdraws, or is discontinued there from at any time prior to completion of the course, the unused portion of the tuition, fees and other charges paid by the individual shall be refunded promptly. Any Institution which fails to forward any refund within 30 days after such change shall be deemed, prima facie, to have failed to make prompt refund as required by this subparagraph.

Review of Website

The Code Fellows website, www.codefellows.com, has been reviewed to ensure all online materials are up-to-date with this course catalog.

Acknowledgement of Receipt

I acknowledge receipt of the School Catalog. I also understand that it is my responsibility to comply with the policies contained in this handbook and any communicated revisions made to it.

_____ _____

Signature Date

_____

Name - Printed

This school is licensed under Chapter 28C.10 RCW. Inquiries, concerns or complaints regarding this private vocational school can be made to:

Workforce Training and Education Coordinating Board
128 – 10th Avenue Southwest
Olympia, Washington 98501
360-709-4600
Web: wtb.wa.gov
Email: workforce@wtb.wa.gov

Appendix A: Owners, Management and Faculty

Owners

Andy Sack, Chairman
William Little, Shareholder
Jeff Malek, Shareholder

Management and Administration

Jeff Malek, CEO
Mitchell Robinson, VP of Sales and Marketing
Luis Mata, VP of Finance
Brook Riggio, VP of Education
Robin Apparicio, Campus Director
Teri Pfeffer, Manager of Veterans Programs and VA School Certifying Official
Sheila Voon, Regulatory & Compliance and VA School Certifying Official
Heather Cherewaty, Technology Platform Manager
Sian Culligan, Manager of Culture & Community
Philip Werner, Principal Teaching Assistant
Jubilee Whaley, Admissions Advisor
Erica McArthur, Admissions Advisor
Jasmine Garcia, Admissions Coordinator
Faiza Diriye, Admissions Coordinator

Faculty

Code Fellows employs faculty consisting of both full-time and part-time instructors. Biographies for all instructors are available upon request. The following instructors will be teaching courses.

Robin Apparicio
Over 12 years of teaching and mentoring experience
Current profession: Campus Director and Career Coach

John Cokos
Over 20 years coding experience, and over 5 years teaching experience
Current profession: Lead Full-Stack JavaScript Instructor, Web Developer

Roger Huba
Over 3 years of coding experience, and over 12 years of teaching experience
Current profession: Lead Python Instructor, Web Developer

Jacob Knaack
Over 3 years of coding experience, and over 2 years of teaching experience

Current profession: Lead Full-Stack JavaScript Instructor, Web Developer

Stephanie Lingwood
Over 3 years coding experience, and over 21 years teaching experience
Current profession: Lead Web Development Instructor; Software Engineer

Brook Riggio
Over 20 years coding experience, and over 5 years teaching experience
Current profession: VP of Education, Web Development Consultant, Instructor Coach

JB Tellez
Over 20 years of professional coding experience, and 2 years of teaching experience
Current profession: Lead Full-Stack JavaScript Instructor

Alexander White
20 years in the IT and Cybersecurity industry and considered an expert in the field
Current profession: Lead Ops and Cybersecurity Instructor.

Marco Vazquez
7+ years in the IT and Cybersecurity industry and considered an expert in the field
Current profession: Lead Ops and Cybersecurity Instructor.

Appendix B: Code of Conduct

Code Fellows is committed to providing a welcoming and inspiring community for all and expect our code of conduct to be honored.

Anyone who violates this code of conduct may be immediately removed from any current classes, refunded according to the terms of their student contract, and banned from the community.

Community Goal: Be Kind

Our community of staff, instructors, and current & former students strives to be kind. This is the guiding principle for conducting oneself within the Code Fellows community.

While kindness can be generally understood, we recognize that kindness in a professional setting means (but is not limited to):

- Be friendly and patient
- Be welcoming: We strive to be a community who welcomes and supports people of all backgrounds and identities. This includes, but is not limited to, members of any race, ethnicity, culture, national origin, color, immigration status, social and economic class, educational level, sex, sexual orientation, gender identity and expression, age, size, family status, political belief, religion, and mental and physical ability.
- Be considerate: Your work will be used by other people and you in turn will depend on the work of others. Any decision you take will affect users and colleagues and you should take those consequences into account when making decisions. Remember that we're a worldwide community, so you might not be communicating in someone else's primary language.
- Give attribution, engage honestly: Since our code often depends on the work and assistance of others, we will be sure to give proper attribution. As members of the community, we agree to represent ourselves truthfully, claim only work that is our own, properly attribute collaborations, and engage honestly in all assignments.
- Be respectful: Not all of us will agree all of the time, but disagreement is no excuse for poor behavior and poor manners. We might all experience some frustration now and then, but we cannot allow that frustration to turn into a personal attack. It's important to remember that a community where people feel uncomfortable or threatened is not a productive one. Your presence may not impact other's ability to learn.
- Be careful in the words that we choose: We are a community of learning professionals and we conduct ourselves professionally. Be kind to others both within the community

and beyond the community. Do not insult, minimize, marginalize, or put down other participants, cultures, or subcultures. Contribute positively to the learning environment.

- Try to understand why we disagree: Disagreements, both social and technical, happen all the time. It is important that we resolve disagreements and differing views constructively. Remember that we're different. The strength of our community comes from its diversity—people from a wide range of backgrounds. Different people have different perspectives on issues. Being unable to understand why someone holds a viewpoint doesn't mean that they're wrong. Don't forget that it is human to err and blaming each other doesn't get us anywhere. Instead, focus on helping to resolve issues and learning from mistakes.

- Harassment and exclusionary behavior aren't acceptable.

Definitions

Plagiarism

Plagiarism is the re-use of someone else's code, without the permission or license of the author. Claiming someone else's work as your own is disrespectful to the author and to your learning process. "Cargo culting," or utilizing the techniques of another without applying your own thinking, is also considered plagiarism.

Violating the terms of a license in a professional software development setting can result in lawsuits and endanger businesses. Doing so in the classroom can result in loss of assignment points, bad references from instructors, removal from all Code Fellows courses, and community bans. Consequences will depend on severity and are at the discretion of the conduct review panel.

Attribution

We encourage an open-source work ethic, and we solve problems collaboratively. The difference between properly attributed work and plagiarized submissions is found in citing source material and permission of the original author.

Proper attribution includes a description of what code was used or what help was given. A link back to the original source material or ideas should be included whenever possible. This belongs in a section titled "Attributions" of the README file for the relevant code.

Please note: an online code repository that has no license is presumed to be closed source and should not be used as a reference. Please include a license file in your own publicly published code.

Harassment

We share a common understanding of what constitutes harassment, as it applies to a professional setting. Although this list cannot be exhaustive, we explicitly honor diversity in age, gender, gender identity or expression, culture, ethnicity, language, national origin, political beliefs, profession, race, religion, sexual orientation, socioeconomic status, and technical ability. We will not tolerate discrimination based on any of the protected characteristics above, including participants with disabilities.

Harassment includes, but is not limited to:

- Offensive comments (or "jokes") related to gender, gender identity and expression, sexual orientation, disability, mental illness, neuro-typicality, physical appearance, body size, race, age, regional discrimination, political or religious affiliation
- Unwelcome comments regarding a person’s lifestyle choices and practices, including those related to food, health, parenting, drugs, and employment
- Deliberate misgendering. This includes deadnaming or persistently using a pronoun that does not correctly reflect a person’s gender identity. You must address people by the name they give you when not addressing them by their username or handle.
- Physical contact and simulated physical contact (e.g., textual descriptions like “hug” or “backrub”) without consent or after a request to stop
- Threats of violence, both physical and psychological
- Incitement of violence towards any individual, including encouraging a person to engage in self-harm
- Deliberate intimidation
- Stalking or following
- Harassing photography or recording, including logging online activity for harassment purposes
- Sustained disruption of discussion
- Unwelcome sexual attention, including gratuitous or off-topic sexual images or behavior
- Pattern of inappropriate social contact, such as requesting/assuming inappropriate levels of intimacy with others
- Continued one-on-one communication after requests to cease

- Deliberate “outing” of any aspect of a person’s identity without their consent, except as necessary to protect others from intentional abuse
- Publication of non-harassing private communication

We encourage everyone to participate and are committed to building a community for all. Although we will fail at times, we seek to treat everyone both as fairly and equally as possible. Whenever a participant has made a mistake, we expect them to take responsibility for it. If someone has been harmed or offended, it is our responsibility to listen carefully and respectfully, and to do our best to right the wrong.

Examples

We don't require students to participate in formal conduct training. Rather, we rely on common sense and a commitment to follow these guidelines. To provide greater clarity, here are some examples of how this should be interpreted:

- A high-five is most welcome, as both parties are opting in. Avoid surprise hugs, back rubs, and general one-directional physical contact.
- If someone solicits feedback, focus on the material. Do not comment on physical appearance.
- In a learning environment, you'll find you have knowledge or insight someone else has not yet attained. Do not make others feel bad for not yet learning what you may find obvious. Avoid statements like "You haven't heard of Foo library?!?!" or, "Uh, obviously, you should just concat the strings."
- Our community constitutes people from a wide array of backgrounds. This is a great strength. Talk to people about their backgrounds and histories as a learner and a listener. "Tell me more about that," is a better option than, "Well, that's not what I experienced."
- Copying code from Stack Overflow, blogs, Google searches, online tutorials, etc., and pasting it into your own project is considered plagiarism. If you'd like to use someone else's code, at least retype the relevant portions yourself, and include a link back to the original in your project's README file.

Reporting Issues

Our community prioritizes marginalized people’s safety over privileged people’s comfort. We will not act on complaints regarding:

- ‘Reverse’-isms, including ‘reverse racism,’ ‘reverse sexism,’ and ‘cisphobia’

- Reasonable communication of boundaries, such as “leave me alone,” “go away,” or “I’m not discussing this with you”
- Refusal to explain or debate social justice concepts
- Communicating in a ‘tone’ you don’t find congenial
- Criticizing racist, sexist, cissexist, or otherwise oppressive behavior or assumptions
- Diversity Statement

If you experience or witness unacceptable behavior—or have any other concerns—please report it by contacting us via conduct@codefellows.com. All reports will be handled with discretion. In your report please include:

- Your contact information.
- Names (real, nicknames, or pseudonyms) of any individuals involved. If there are additional witnesses, please include them as well.
- Your account of what occurred and if you believe the incident is ongoing. If there is a publicly available record (e.g. Slack channel, a mailing list archive or a public IRC logger), please include a link, reference, or screenshot.
- Any additional information that may be helpful.

After filing a report, a representative will contact you personally, review the incident, follow up with any additional questions, and make a decision as to how to respond. The response team has broad latitude to remove an offending student from class, or offer a warning, depending on the severity of the offense. No more than 1 warning will be given; a second offense will result in release from class, a refund according to the student contract, and a community ban.

If the person who is harassing you is part of the response team, they will recuse themselves from handling your incident. If the complaint originates from a member of the response team, a different member of the response team will handle it. We will respect confidentiality requests for the purpose of protecting victims of abuse.

Code of Conduct

The Code Fellows Code of Conduct can also be found online at https://github.com/codefellows/code-of-conduct.