



Course Catalogue

May 2020

Kable Academy 2019 Course Catalog

Given the ever-changing nature of technology and Kable Academy's mission to teach an industry relevant curriculum, the information in this catalog is subject to change.

Students should check our website (Week.kableacademy.com) for the most up to date course schedules, curriculum and course objectives before enrolling. If there are any questions or concerns, please reach out to an Admissions Representative at (513) 881-2901.

Kable Academy is an equal opportunity affirmative action organization in accordance with civil rights legislation and does not discriminate on the basis of race, religion, national origin, sex, age, disability, veteran status, or any other basis of discrimination prohibited by law in any of its educational programs, activities, admission or employment policies.

Academy Address:
1819 Innovation
2900 Reading Road
Cincinnati, OH 45206

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Course Dates for the 2020 School Year:

Web Development:

June 15, 2020 – September 4, 2020
September 21, 2020 – December 11, 2020

Cybersecurity:

July 6, 2020 – September 25, 2020
September 28, 2020 – December 18, 2020

Kable Academy Scheduled Holidays:

July 4th, observed July 3rd
Labor Day, September 7th
Thanksgiving, observed November 26th – 27th

Administrators and Faculty:

Josh Guttman	President and CEO	BS, Marketing, Ohio State University
Paige Brockoff	Director of Admissions	BS, Public Relations, University of Cincinnati
David Reke	Lead Web Development Instructor	MBA, University of Iowa BA, Cedarville University Web Development Certificate
Richard Barnes Jr.	Lead Cybersecurity Instructor	CompTIA A+, NET+ and SEC+ Certificate US Army Technical Training School
Chris Ellison	Learning Team Advisor	BS, Political Science, University of Georgia and Oxford University Web Development Certificate
Shawn Gardner	Administration Advisor	MS, Management, Northwestern University BS, Biology, Indiana University

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General Information

Kable Academy is a web development and cybersecurity training academy that teaches in demand tech skills using the most relevant and industry guided curriculum through an immersive 12-Week learning model taught industry professionals and experienced instructors.

Kable Academy Vision: The Kable Academy seeks to make a positive impact on both the tech and social sectors of the Greater Cincinnati Area.

Social Sector Impact

- Elevating the underemployed/unemployed
- Strengthen the middle class
- Providing alternative education pathways
- Breaking down barriers to entry in the IT sector
- Decrease reliance on government assistance
- Increase individual independence
- Creating diversification in the tech sector

Tech Sector Impact

Fill the tech talent gap
Curb the demand for tech talent
Make Ohio appealing for tech expansion

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Kable Academy Mission: Kable Academy seeks to enhance the technical skill of its students through the use of technology, an immersive learning methodology, collaboration, communication and creativity that prepares them for a job in technology upon graduation.

Admissions

The Kable Academy Admissions Team is available to help you through the assessment, admissions, financial and enrollment process.

They team can also assist you with:

- Assessing your technical aptitude and fit for a Kable Academy program
- Determining which program is the right for your interest and career goals
- Completing your application process
- Program financing options

To talk with one of our Admissions Representatives, please email pbrockoff@thekablegroup.com

Tuition and Fees for Web Development and Cybersecurity Programs

Fee Schedule:

Security Deposit	\$0
Phase 1 Tuition	\$5,800
Phase 2 Tuition	\$5,800
Phase 3 Tuition	\$2,900
Total Cost	\$14,500

Payment:

Tuition in full is due prior to the first day of class.

Cancellation and Tuition Refund Policy

This enrollment agreement may be canceled within five calendar days after the date of signing provided that the school is notified of the cancellation in writing.

In the event of a cancellation, the Kable Academy will refund all tuition paid pursuant to the enrollment agreement. The stated refund will be made no later than thirty days after written cancellation in accordance with Ohio Administrative Code 3332-1-10.

This provision shall not apply if the student has already started academic classes.

Tuition in full is due prior to the first day of class. Students are eligible for a complete tuition refund up to the end of Day 5 of classroom instruction, provided that the Kable Academy is notified by the student in writing prior to the deadline.

On Day 6 of classroom instruction, students are committed to paying Phase 1 tuition in full; unless they are counseled out of the program due poor performance. In the event of poor performance.

Upon completion of Phase 1, students have until the end of the first day of class in Phase 2 to withdraw from the program in writing for a full refund of Phase 2 and Phase 3 tuition. If students are counseled out due to poor performance, students will be refunded Phase 3 tuition.

Upon the completion of Phase 2, students have until the end of the first day of class in Phase 3 to withdraw in writing from the program for a refund of Phase 3 tuition.

The Kable Academy will refund tuition in accordance with the aforementioned refund policy no later than thirty days after the student withdraws from the program.

Academic Standards

Kable Academy programs are conducted using a pass/fail grading system.

The following criteria are used to determine a pass or fail grade for the program. These same criteria are utilized to identify students who may need to be removed from a Kable Academy program or flexed to an alternate learning path.

Homework: Students are expected to complete all assignments by the assigned due date. Students who do not deliver projects on time will be counseled by the lead instructor.

The purpose of the counseling is to identify any obstacles or barriers to project completion or gaps in learning. Students will be retrained on any identified learning shortfalls and given an alternate project due date.

Students who do not complete required projects and assignments by the end of each phase may be removed from the program.

Daily Evaluations Lead instructor will conduct daily student progress reports with teaching assistants to assess each student and their progress through the curriculum to identify those who are struggling to understand program concepts.

Struggling students will receive extra attention, additional resources, learning resources, and one-on-one training with a TA or instructor. Students who consistently struggle but demonstrate good attitude and work ethic would be our best candidates to flex into an alternative learning path.

Attendance Student will be required to sign-in at the beginning of each class and maintain a 90% attendance rate. Misrepresentation of your attendance is considered a violation of your enrollment and you will be withdrawn from the program.

Your dismissal due to misconduct will automatically disqualify you from any refund.

Students unable to maintain a 90% attendance rate or who are habitually tardy, may be asked to withdraw from the program.

Additionally, a 90% attendance minimum is required to graduate from program.

If an unforeseen personal circumstance requires you to be late or miss a class, contact Kable Academy through instant messaging, email, or phone call as soon as possible.

Any missed class time, unless otherwise approved in writing by the lead instructor, is considered an absence.

- Quizzes** Quizzes will be given at least 2-3 times a week to evaluate student comprehension of subject matter. Students who struggle with quizzes but show good work-ethic and attitude may be encouraged to flex to an alternative learning program.
- Attitude** Students are expected to be professional, polite, courteous and focused. Students who are disruptive, disrespectful and/or unprofessional may be asked to leave the program.
- Self-Evaluate** At the end of the third week of training, students will be asked to evaluate their progress though Phase 1 of the program. In consultation with the lead instructor, students may elect to pursue an alternate learning program option.

Complaint and Grievance Procedures

All student complaints should be first directed to the school personnel involved. If no resolution is forthcoming, a written complaint shall be submitted to the director of the school.

Whether or not the problem or complaint has been resolved to his/her satisfaction by the school, the student may direct any problem or complaint to:

Executive Director
State Board of Career Colleges and Schools
30 East Broad Street, Suite 2481
Columbus, OH 43215
Phone (614) 466-2752
Toll Free 1-877-275-4219

Classes and Programs

Web Development 12-Week Immersive Program

Length: 600 Total Course Hours

60 Classroom Days

9am – 5pm; Monday – Friday; except on published holidays

Prerequisite: 40 hours of pre-work required before starting the program.

Course Requirements:

Attendance 9am-5pm daily with a 90% in-class attendance requirement

Computer: You will need to bring your own laptop with you to this program. Check our website (kableacademy.com) for minimum hardware and software requirements. If you do not have personal laptop, please consult with a Kable Academy representative for a loaner laptop.

Description: The Kable Academy Web Development course focuses on the fundamental concepts of the JavaScript and React JS languages and Salesforce application concepts. JavaScript is an object-oriented language most frequently used as the scripting language for web pages. React JS is a JavaScript library used to build user interfaces in mobile applications. The course also touches on Salesforce applications. Salesforce is the largest Customer Relationship Management (CRM) systems providers in the world with over 1 million job openings across the country.

Fees:	Deposit	\$500
	Phase 1	\$5,300
	Phase 2	\$5,800
	Phase 3	\$2,900

Web Development Program Curriculum:

**Phase 1
Responsive Web Design**

Week 1

HTML Learning the basics of HTML, the essential language of the web.

Website Styling Learn and practice the fundamentals of CSS to add beautiful styling to your webpages.

Introduction to JavaScript Learn the fundamentals of JavaScript: syntax, variables, conditionals, and functions.

Week 2

Advanced Design & JavaScript

Learn CSS techniques for more interesting sites: display positioning, colors, typography, responsive design, and flexbox.

Week 3

JavaScript: Arrays, Loops, and Objects

Discover more JavaScript techniques and features including arrays, looping, and objects

Week 4

Interactive JavaScript Websites

Learn the Document Object Model, the interface between JavaScript and HTML elements, and combine HTML, CSS, and JavaScript into exciting interactive sites.

Phase 2 Front-End Web Design

Week 5

Know your Command Line

Discover the power of this simple yet essential text-based tool and increase your productivity as a developer.

Week 6

Get a Grip on Git

Learn to save and manage different versions of your code projects with this essential tool.

Week 7

Intermediate JavaScript

Learn more techniques to extend your JavaScript knowledge including reusable classes, splitting code into modules, and making HTTP requests.

Week 8

Build Front-end Applications with React

Learn to build dynamic and powerful web apps using React.js, a component-based front-end framework.

**JavaScript
Back-End
Development/
Team Git**

Learn how to create back-end servers and APIs in JavaScript using the popular Express.js framework.

**Phase 3
Full-Stack Web Developer**

Week 9

**SQL and
Databases for
Web Development**

Learn the SQL fundamentals needed to be a successful full-stack web developer.

**Construct a
Persistent API
as a Team**

Learn the Node-SQLite to connect JS and SQL in web apps and build your first fully integrated back-end application.

**Behind the Wheel
with Test-Driven
Development with
JavaScript/Team**

Master the fundamentals of Test-Driven Development to create reliable full-stack JavaScript web applications.

Week 10

**Salesforce
Platform
Basics**

Get introduced to the platform, navigate use cases, and build custom functionality.

Data Modeling

Give your data structure with objects, fields, and relationships.

Data Management

Learn how to import and export data in Salesforce.

**Lightning
Experience
Customization**

Customize the Lightning Experience user interface without writing any code.

**Salesforce Mobile
App Customization**

Customize your mobile experience with the Salesforce app.

User Engagement

Create in-app guidance to help users get the most value out of your Salesforce app.

Reports & Dashboards for Lightning Experience Visualize key business metrics in real-time using Lightning Experience.

Week 11

Formulas & Validations Tailor your apps without writing code by using point-and-click logic.

Data Security Control access to data using point-and-click security tools.

Picklist Administration Choose the right picklist field for the job, manage picklists, and share picklist values.

Build a Suggestion Build a simple suggestion management app. No code required.

Box App Build a simple suggestion management app. No code required.

Lightning Flow Automate processes for every app, experience, and portal with declarative tools.

AppExchange Basics Extend the power of Salesforce with solutions and services from AppExchange.

External Services Connect an external service to Salesforce and invoke methods based on that service.

Salesforce Mobile App Rollout Develop a rollout strategy to help your company do more with the Salesforce mobile app.

Build a Battle Station App Build a simple project management app to construct a galactic battle station. No code required.

Advanced Formulas Learn how to write clean, easy-to-understand formulas for complex use cases.

Week 12

Event Monitoring Discover insights into your Salesforce org with this powerful monitoring feature.

- Salesforce Connect** Access, display, and integrate data from an external data source in real time.
- Company-Wide Org Settings** Learn about search, regional settings, multiple currencies and user interface controls.

Cybersecurity 12-Week Immersive Program

Length: 600 Total Course Hours
60 Classroom Days
9am – 5pm; Monday – Friday; except on published holidays

Prerequisite: None.

Course Requirements:

Attendance 9am-5pm daily with a 90% in-class attendance requirement

Computer: You will need to bring your own laptop with you to this program. Check our website (kableacademy.com) for minimum hardware and software requirements. If you do not have personal laptop, please consult with a Kable Academy representative for a loaner laptop.

Description: The Kable Academy Cybersecurity course focuses

Fee:	Deposit	\$500
	Phase 1	\$5,300
	Phase 2	\$5,800
	Phase 3	\$2,900

Class Curriculum:

**Phase 1
IT SUPPORT**

Week 1

Install and Configure Learn to install and configure laptop hardware components.

Mobile Devices Learn the characteristics of various mobile devices.

Connections and Ports Learn to connect and configure mobile device accessories and ports.

Mobile Device Connectivity Configure basic mobile device network connectivity and application support.

Mobile Device Synchronization Learn methods to perform mobile device synchronization.

TCP and UDP Learn the difference between TCP and UDP ports, protocols and purposes.

Network Hardware Learn common networking hardware devices.

SOHO Network	Learn to install and configure a basic wired and wireless SOHO network.
Network Host	Learn the properties and purposes of service provided by network host.
Network Configurations	Learn common network configuration concepts and features.
Cable and Connector Types	Learn the basic cable types, features and purpose and their associated connectors.
RAM Installation	Learn to install various types of RAM.
Storage Devices	Learn to select, install and configure various storage devices.
Motherboards and CPUs	Learn to install motherboards, CPUs and add-on cards to a device.
Peripherals	Learn the purposes and uses of various peripheral types.
Power Supply	Learn the features and different types of power supply units.

Week2

Devices and Printers	Learn to the concepts of common devices and configure SOHO multifunctional devices/printers and settings.
Cloud Computing	Learn the concepts of cloud computing.
Client-side Virtualization	Learn to set up and configure client-side virtualization.
Basic Troubleshooting	Learn the best practices and methodologies to resolve common problems.
Motherboard CPU, RAM and Power Supply Troubleshooting	Learn specific techniques for troubleshooting motherboards, CPUs, RAM and Power Supplies.
Troubleshooting	Learn specific techniques to troubleshoot hard drives and RAIDs.

Hard drives and RAID Arrays

Video and Display Troubleshooting

Learn to troubleshoot video, projectors and display issues.

Troubleshooting Mobile Devices

Learn to troubleshoot common mobile device issues and apply the appropriate procedure.

Common Operating Systems

Learn common operating system types and their purposes.

Microsoft Windows

Learn the differences between various version of Microsoft Windows.

OS Installation

Understand the concepts of OS installation and upgrade methods.

Command Lines

Learn the use of Microsoft command line tools.

Control Panel

Learn the functionality of the Microsoft Windows Control Panel.

MS Networking

Learn to configure Microsoft Windows networking on a client/desktop.

Mac iOS

Learn the features and tools of Mac iOS.

Linux

Learn the features of a Linux client/desktop operating system.

Week 3

Logical Security

Learn the concepts of logical security.

Wireless Security

Learn about wireless security protocols and authentication methods.

Malware

Learn to detect, remove and prevent malware using the appropriate tools and methods.

Threats

Learn the concepts of social engineering, threats and vulnerabilities.

MS Windows Security

Learn the differences of basic MS Windows OS security settings.

Workstation Security	Learn to implement the best security practices for workstations.
Mobile Security	Learn to implement the best security practices for mobile devices.
Data Disposal	Learn to implement the appropriate data destruction and disposal methods.
SOHO Security	Learn to configure security on SOHO wired and wireless networks.
MS Windows OS	Learn to troubleshoot common issues on MS Windows.
Security Practices and Documentation	Learn the best practices associated with appropriate incident documentation.
Disaster Recovery	Learn to implement the basic disaster prevention and recovery methods.
Environmental Controls	Learn the impact of the environment on devices and networks and how to apply the appropriate control measures.
Network Misuse	Learn the process of addressing prohibited content and activities.
Policies	Learn the policies on user privacy and software licensing.
Remote Access	Learn to use remote access technologies.

**Phase 2
NETWORK SUPPORT**

Week 4

Networking Ports and Protocols	Learn the purposes and uses of ports and protocols.
OSI Model	Build an understanding of the OSI layers of devices, applications, protocols and services.
Routing and Switching	Learn the concepts and characteristics of routing and switching.
IP Address Components	Learn to configure the appropriate IP address components.

Week 5

Network Topologies	Compare and contrast the characteristics of network topologies, types and technologies.
Wireless Configuration	Learn to implement the appropriate wireless technologies and configurations.
Cloud Concepts	Learn the foundations of cloud computing and its protocols.
Network Services	Learn the functions of network services and their purpose.

Week 6

Cabling	Learn the basics of deploying the appropriate cabling solution.
Placement of Network Devices	Learn the appropriate placement of network devices on a network and how to install and configure them.
Advanced Network Devices	Learn advanced concepts of securing multi types of network devices.
Virtualization	Learn purpose of virtualization and network storage technologies.

Week 7

WAN	Compare and contrast different WAN technologies.
Network Documents and Diagrams	Create the appropriate documentation and diagrams to manage a network.
Disaster Recovery Concepts	Compare and contrast business continuity and disaster recovery concepts.
Scanning, Monitoring, and Patching	Learn the common scanning, monitoring and patching processes and summarize their expected outputs.

Process

**Remote
Access
Methods**

Learn the purpose and use of remote access methods.

**Policies and
Best Practices**

Identify the best cybersecurity policies and practices for your organization.

**Phase 3
SECURITY SUPPORT**

Week 8

**Analyze
Malware
Indicators**

Learn to analyze indicators of compromise and determine the type of malware.

**Types of
Attacks**

Compare and contrast different types of cyberattacks.

Threat Vectors

Learn to identify various threat actors and their modus operandi.

**Penetration
Testing
Concepts
Vulnerability
Scanning
Concepts**

Learn the concepts of different types of penetration testing.

Learn the concepts and functionality of vulnerability scanning.

**Types and
Impacts of
Vulnerabilities**

Learn the impact associated with different types of cyber vulnerabilities.

Week 9

**Network
Concepts**

Learn to install and configure both hardwired and software-based network components, to support your organizations cyber security.

**Organizational
Security**

Learn to identify the appropriate software tools to assess the security posture of your organization.

**Common Security
Issues**

Learn to identify and troubleshoot common cyber security issues.

Analyze and Interpret Output From Security Tools	Learn to analyze and interpret output from security technologies.
Deploy Mobile Device Security	Learn to deploy and secure mobile devices.
Implement Secure Protocols	Learn to implement security protocols.
Secure Configuration Guides	Learn use cases and purposes for frameworks, along with best best practices and secure configurations.

Week 10

Secure Network Architecture	Learn to develop and implement secure network architecture concepts.
Secure System Design	Learn to implement secure systems design.
Secure Staging Deployment Concepts	Learn the importance of secure staging deployment concepts.
Embedded Systems	Learn the security implications of embedded systems.
Application Development and Deployment	Learn to secure application development and deployment concepts.
Cloud and Virtualization Concepts	Learn the concepts of cloud and virtualization.
Resiliency and Automation Strategies	Learn how resiliency and automation strategies reduce risk.

Week 11

Physical Security Controls	Learn to importance of proper physical security controls and how to implement them.
Identity and Access Management Concepts	Learn to the concepts of identity access management.
Identity and Access Services	Learn to install and configure identity and access control services.
Identity and Access Management Controls	Learn implement identity access management controls.
Common Account Management Practices	Learn to differentiate between common account management practices.
Policies, Plans, Procedures for Organizations	Learn to importance of policies, plans, and procedures related to organizational security.
Business Impact Analysis Concepts	Learn to summarize business impact analysis concepts.
Risk Management Process and Concepts	Learn the concepts the risk management process.
Incident Response Procedures	Learn to develop and implement incident response procedures.

Week 12

Basic Concepts of Forensics	Learn the basic concepts of cybersecurity forensics and how to analyze them.
Disaster Recovery	Learn the concepts of disaster recovery and the continuity of

and Continuity of Operations	operations.
Types of Controls	Learn to compare and contrast various types of cybersecurity control tools.
Data Security and Privacy Practices	Learn to implement organizational data security and privacy practices.
Basic Concepts of Cryptography	Learn the basic concepts of cryptography and its purpose.
Basic Cryptography Algorithms	Learn cryptography algorithms and their basic characteristics.
Wireless Security	Learn to install and configure wireless security settings for optimal performance.
Public Key Infrastructure	Learn to properly implement public key infrastructure.