



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 (www.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

Kable Academy Course Catalogue Publication Date: May 2020

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
Veterans Day, November 11th
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 |

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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
- Develop their talent vs steal
- Diversify their workforce
- Build IT teams/ground level
- Develop loyalty

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

Students seeking readmission to Kable Academy after dismissal for disciplinary or unsatisfactory progress in a program must seek written approval from the lead instructor in writing as part of the readmission process.

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

Tuition and Fees for Web Development and Cybersecurity Programs

Payment:

Tuition for each individual Phase is due in full prior to the first day of each Phase. For example, Phase 1 tuition is due prior to the first day of Phase 1.

Fee Schedule:

| | |
|-----------------|----------|
| Phase 1 Tuition | \$7,250 |
| Phase 2 Tuition | \$7,250 |
| Phase 3 Tuition | \$0 |
| Total Cost | \$14,500 |

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.

The Kable Academy Refund Policy complies with Ohio Administrative Code 3332-1-10 per the following reimbursement standards set forth by the State of Ohio:

- A student who starts a term or phase and withdraws before the academic term is fifteen per cent completed will be obligated for twenty-five percent of the tuition (\$3625.00) and refundable fees for the current academic term plus the registration fee.
- A student who starts a term or phase and withdraws after the academic term is fifteen per cent complete but before the academic term is twenty-five per cent completed will be obligated for fifty percent of the tuition (\$2900.00) and refundable fees for the current academic term plus the registration fee.
- A student who starts term or phase and withdraws after the academic term is twenty-five per cent complete but before the academic term is forty per cent completed will be obligated for seventy-five percent of the tuition (\$5437.50) and refundable fees for the current academic term plus the registration fee.
- A student who starts term or phase and withdraws after the academic term is forty per cent completed will not be entitled to a refund of the tuition and fees for the current academic term.

- In the case of documented student illness or accident, death in the family, or other circumstances beyond the control of the student, the student may be entitled to special consideration and the school may settle the account for an amount which is less than that called for by the school's established policy.

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 (www.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:

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|---------|---------|
| Phase 1 | \$7,250 |
| Phase 2 | \$7,250 |
| Phase 3 | \$0 |

Web Development Program Curriculum:

Phase 1 HTML and JavaScript

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
Intermediate JavaScript and Git Hub**

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

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

with React

**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
Databases and Salesforce**

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.

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| 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

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| 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

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| Event Monitoring | Discover insights into your Salesforce org with this powerful monitoring feature. |
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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 developing the skills necessary to protect the confidentiality, integrity, and availability of computer systems, networks and data against cyber-attacks or unauthorized users.

Fee:

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|---------|---------|
| Phase 1 | \$7,250 |
| Phase 2 | \$7,250 |
| Phase 3 | \$0 |

Class Curriculum:

Phase 1 Foundations of Computing (CompTIA A+)

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 Configure basic mobile device network connectivity and

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| Connectivity | 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

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| 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. |

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| Motherboard CPU, RAM and Power Supply Troubleshooting | Learn specific techniques for troubleshooting motherboards, CPUs, RAM and Power Supplies. |
| Troubleshooting Hard drives and RAID Arrays | Learn specific techniques to troubleshoot hard drives and RAIDs. |
| 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

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| 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. |

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| 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

Foundations of Networks (CompTIA Network+)

Week 4

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| 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
Process**

Learn the common scanning, monitoring and patching processes and summarize their expected outputs.

**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
Foundations of Network Security (CompTIA Security+)**

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

Learn to identify the appropriate software tools to assess the

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| Security | 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

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| 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 | Learn how resiliency and automation strategies reduce risk. |

Strategies

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

Learn the basic concepts of cybersecurity forensics and how to

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| Forensics | analyze them. |
| Disaster Recovery and Continuity of Operations | Learn the concepts of disaster recovery and the continuity of 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. |