



## **August 2017- August 2018 Course Release Schedule**

*Updated 4/18/18*

### **August**

Course: MTA Python - RELEASED

*Exam: 98-381*

Description: This course will introduce students to Python, a general-purpose programming language that is used to power websites, build games, and build general apps. Python is considered to be a little bit more of an “English-language” programming language, thus it is a good first real programming language to learn.

### **September**

Course: MTA Introduction to Programming Using HTML and CSS - RELEASED

*Exam: 98-383*

Description: This course will introduce students to HTML (HyperText Markup Language) and CSS (Cascading Style Sheets). Topics include: HTML fundamentals, CSS fundamentals, structuring documents, presenting multimedia, and styling webpages.

### **October**

Course: MTA Introduction to Programming Using JavaScript - RELEASED

*Exam: 98-382*

Description: This course will introduce students to object-oriented programming using JavaScript. In addition to covering objects and methods, students will learn how to program with variables, data types, and functions, implement and analyze decisions and loops, interact with the DOM (Document Object Model), and interact with HTML forms.

### **November**

Course: Programming in HTML5 with JavaScript and CSS3 Specialist - RELEASED

*Exam: 70-480*

Description: The Programming in HTML with JavaScript and CSS3 Specialist course will prepare students to take the 70-480 exam. Topics covered in this course include: Implementing program flow, using CSS3, securing data, and object and document manipulation.

## **2018**

### **February**

Course: Security+ 2017 - RELEASED

*Exam: SY0-501*

Description: This course will also increase one's employability in IT security-related jobs, through preparing students to take and pass the CompTIA Security+ certification test. Specific topics covered include: security threats, attacks, and vulnerabilities, tools and technologies, architecture and design, identity and access methods, risk management, and cryptography.

### **April**

Course: MTA Java - RELEASED

*Exam: 98-388*

Description: The MTA Introduction to Programming Using Java (98-388) course is excellent for someone wanting to learn how to code in Java, a powerful object-oriented programming language. This course will also help students get ready to pass the MTA 98-388 exam and improve employability prospects for any software development position requiring Java coding skills. Specifically, this course covers Java fundamentals, data types and variables, flow control, object-oriented principles, and compiling and debugging code. These concepts are covered through simulating writing code for an online store, thus adding a real-life scenario to this course.

Course: Network+ 2018

*Exam: N10-007*

Description: This course will prepare students to take and pass the CompTIA Network+ exam, a huge step in employability for network administrator and similar positions. This course will cover networking concepts, infrastructure, networking operations, network security, and network troubleshooting.

### **April-August**

Courses: New Adobe CS courses for the 2018 versions of Photoshop, Illustrator, InDesign, Dreamweaver, Premiere, and Animate

*Exams: TBA*

Description: To be updated as details are released on the new series of exams.

### **May**

Course: Developing ASP.NET MVC Web Applications

*Exam: 70-486*

Description: This course will teach students how to build robust web applications using ASP.NET and the model-view-controller (MVC) pattern. Specifically, this course will cover application architecture design, designing and developing the user experience, troubleshooting and debugging web applications, and designing and implementing security.



Course: Android Certification with iOS

Exam: *AND-401*

Description: This course will introduce students to building mobile apps specifically for the Android and iOS platforms. Languages and development kits for both platforms are covered.

## **July**

Course: MTA Block-Based Programming with Touch Develop

Exam: *98-380*

Description: This Introduction to Programming with Touch Develop course is ideal for those who want to learn the fundamentals of programming as it relates to block-based programming languages. Touch Develop is an absolute necessity for those working with mobile platforms or developing mobile applications.

## **August**

Course: MTA Cloud Fundamentals

Exam: *98-369*

Description: The MTA Cloud Fundamentals course will prepare students for the 98-369 exam. Topics in this course include: Understanding the cloud, working with Microsoft cloud services such as Office 365 and Microsoft Intune, and supporting cloud users.

*\*LearnKey's course release schedule is subject to change without notice. This document is updated every four weeks and as needed. Thank you as we do our best to better serve you and increase your employability.*