VMware IT Academy
August 2019

Executive Summary

VMware is committed to education and supporting our academic community through our VMware IT Academy program. By listening to our community, we ensure that together we develop an academic program that aligns to your students' educational needs and prepares them to lead in the digital future.

At VMware, we know that being innovative requires the software-defined standard in digital infrastructure. Only software can meet the agility and security requirements of the cloud. Enterprises prefer hybrid cloud over other cloud strategies, and the software-defined data center (SDDC) is its architectural foundation.

Goals of the VMware IT Academy

To better serve the academic community and allow students to gain a broader understanding of how VMware® solutions are used to solve business challenges. The future is software defined. We want to prepare the next generation of digital leaders.

With that knowledge, students can work with customers and partners to drive societal impact through VMware's products and people. Students also have the opportunity to contribute to the development of cloud, mobile, IoT, and AI—four technologies that are transforming every industry and economy which can lead to positive change around the world.

To help students on their learning journey, we recommend these learning materials:

• Cloud and Virtualization Concepts
• Software-Defined Storage Concepts
• Network Virtualization Concepts
• IT Solutions for Digital Businesses
• Software-Defined IT Using VMware
• Academic: VMware vSphere®: Install, Configure, Manage
• Academic: VMware vSphere: Optimize and Scale

These resources do not need to be taken in sequence. However, it is strongly recommended that "vSphere: Install, Configure, Manage" be taken before "vSphere: Optimize and Scale."

Can you tell me more about the IT Academy learning materials?

New micro-courses
• Cloud and Virtualization Concepts
• Software-Defined Storage Concepts
• Network Virtualization Concept

These micro-courses are:
• Free
• 8-12 hours long
• Developed in partnership with Network Development Group (NDG)
• May be delivered as instructor-led training or independent study
• Available to anyone

Cloud and Virtualization Concepts
Learners that have no experience with cloud and virtualization can start off with this course.

This course is designed to help academic institutions teach basic cloud and virtualization computing concepts to learners. After completing this course, learners are qualified to obtain the "Cloud and Virtualization" badge.

Software-Defined Storage Concepts
This course is designed to help academic institutions teach basic storage and computing concepts to learners. After completing this course learners are qualified to obtain the "Software-Defined Storage Concepts" badge.

Network Virtualization Concepts
This course is designed to help academic institutions teach basic network virtualization computing concepts to learners. After completing this course learners are qualified to obtain the "Network Virtualization Concepts" badge.

IT Solutions for Digital Businesses
This is a 40-hour entry-level course designed for MIS, CS, and IT students and traces the emergence of virtualization, the modern virtual data center, and digital workspaces. A case study (20 hours of supplementary material) is included to prepare students for the VMware Certified Associate – Digital Business Transformation (VCA-DBT).

vmware® IT ACADEMY

After completing this course, instructors can order a voucher for their students through the Kivuto webstore. The student then receives their Partner Student Education (PSE) voucher via email and can then register for their exam with Pearson VUE under IT Academy Student—PSE Exams. Search for "VMware" and look for the corresponding exam.

Software-Defined IT Using VMware—Academic vSphere: Install, Configure, Manage

For students who want a deep dive into the vSphere product, we offer Software-Defined IT Using VMware. This is an academic version of VMware vSphere: Install, Configure, Manage with assessments.

In this 40-hour skill-based course, learners will gain an understanding of vSphere: Install, Configure, Manage. We offer 20 hours of optional materials on vRealize®, vSAN™, and NSX® content. This course prepares students for the vSphere Foundations Exam and is a skill-based course with Hands-on Labs.

Academic VMware vSphere: Optimize and Scale

This course is designed for experienced vSphere users who are ready to take their understanding of vSphere to a deeper level and learn how to use advanced features and controls. It teaches advanced skills for configuring and maintaining a highly available and scalable virtual infrastructure. Through a mix of lecture and Hands-on Labs, you will configure and optimize the vSphere features that build a foundation for a truly scalable infrastructure and discuss when and where these features have the greatest effect.

These new courses do not need to be taken in sequence and there are no pre-requisites.

Becoming VCP-DCV Certified

Q. How can I become VCP-DCV certified?

A. To receive your VCP-DCV certification from a VMware IT Academy, follow these steps.

1. Take one or both courses:
   • Academic vSphere: Install, Configure, Manage
   • Academic vSphere: Optimize and Scale

   Both courses are highly recommended.

2. After completing the course, the instructor can order an academic PSE exam voucher for the student. An email will be sent to the student to register for the exam with Pearson VUE using the PSE exam voucher. Take and pass the exams.

   Please make sure the student uses the correct PSE voucher at Pearson as outlined under Certifications and Vouchers.

IMPORTANT: VMware will NOT certify a candidate if: A student attended and took the Optimize and Scale course at an IT Academy and did **not** use the corresponding PSE exam voucher.
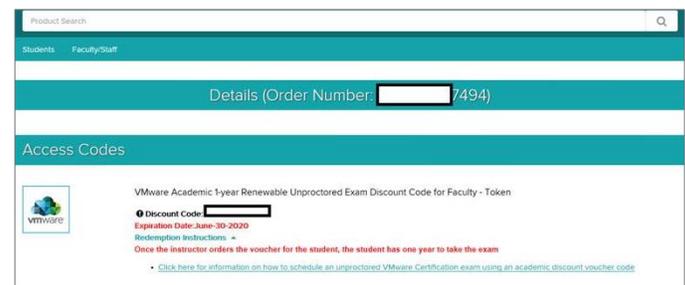
Certifications and Vouchers

Q. How do vouchers work, and which ones do I need?

A. PSE Vouchers are a key benefit of the IT Academy program. PSE is the designation for IT Academy exams. When you see PSE, think IT Academy. Students must request a PSE exam voucher through their instructor.
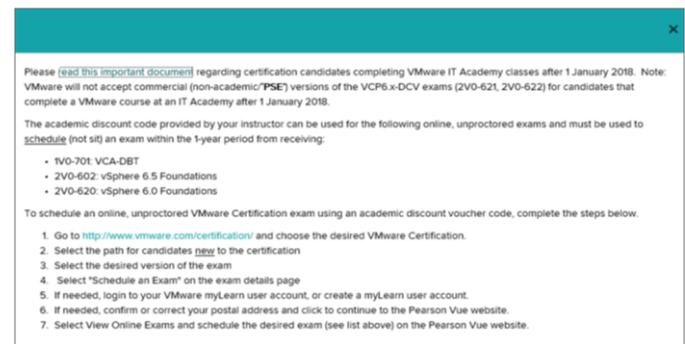
The PSE exam voucher allows one person to take up to six online, multi-click, unproctored VMware certification exams at 70% off the normal price.

The PSE exam voucher for the **VCP-DCV** allows one person to take up to three multi-click exams at a 70% discount.

Using the link that is emailed to the student, they log into the webstore. This is what they'll see.

After clicking on "Click here for information," this is what they'll see:

Follow the instructions to schedule an unproctored exam.

Once students have retrieved their PSE voucher code from the webstore, the student uses the code to register for their exam with *Pearson VUE* under IT Academy Student—PSE Exams.

Look for the 2V0-602PSE: vSphere 6.5 Foundations Exam.

For VMware Certified Professional Data Center Virtualization, select one of the below VCP level exam under IT Academy Student – PSE Exams.

Data Center Virtualization

- 2V0-21.19PSE Professional vSphere 6.7 Exam 2019
- 2V0-622PSE VMware Certified Professional 6 - Data Center Virtualization (6.5) Exam
- 2V0-621PSE VMware Certified Professional 6 - Data Center Virtualization Exam

Candidates must enter the voucher number in "Voucher/ Promotion Code:" field on Checkout - Step 3 during registration of the exam to get the discount.

Important Information

IT Academy students should always complete the PSE version exam to be identified as an IT Academy student.

PSE vouchers are only good for one year after download from Pearson VUE. We encourage students to take exams within three months after their course completion. Voucher expiration dates may not be extended.

Eligibility

The IT Academy courses are available to secondary, post-secondary academic institutions, and other non-profits who are offering VMware courses in a degreed or diploma program.

Q. Can courses be offered through continuing education or workforce development?

A. IT Academy courses can be offered through continuing education or workforce development. However, all certification-aligned courses must be delivered in a minimum of four weeks, spread evenly across the four weeks, and may not be offered in a bootcamp- or seminar-type format. Violation of this policy may result in a termination of your status as an IT Academy.

All the micro-courses and IT Solutions for Digital Businesses courses may be taught in fewer than four weeks as outlined on the IT Academy website.

Q. How long does it take to complete the courses?

A. The actual time to complete learning materials may vary for the learner. The average time is outlined below:

- **Cloud and Virtualization Concepts: 8–12 hours**
- **Software-Defined Storage Concepts: 8–12 hours**
- **Network Virtualization Concepts: 8–12 hours**

The following time is **required for course delivery**.

- **IT Solutions for Digital Business**: 40 hours plus supplemental case studies.
- **Academic: VMware vSphere Install, Configure, Manage: Software-Defined IT Using VMware**: 40 hours plus 20 hours of supplemental material. This course may not be delivered in fewer than four weeks. It is designed to be consumed in an academically suitable timeframe of four weeks or more, spread evenly throughout the weeks, allowing time for a learner to systematically absorb the material.
- **Academic: VMware vSphere: Optimize and Scale**: 40 hours. This course will teach you advanced skills for configuring and maintaining a highly available and scalable virtual infrastructure. This course may not be delivered in fewer than four weeks. It is designed to be consumed in an academically suitable timeframe of four weeks or more, spread evenly throughout the weeks, allowing time for a learner to systematically absorb the material.

Q. What is the cost per micro-course/course?

A. **Introduction to Virtualization, Cloud and Virtualization Concepts, Software-Defined Storage Concepts, and Network Virtualization Concepts** are free to anyone through NDG.

All other courseware will be delivered through Kivuto for an annual departmental cost of $250–$300. This annual fee is for distributing all software licenses, vouchers, e-texts, labs, teaching resources, and support.

Q. What is the course format of the new courses?

A. The beginner micro-courses—**Introduction to Virtualization, Cloud and Virtualization Concepts, Software-Defined Storage Concepts, and Network Virtualization Concepts**—are offered online through *NDG* and are available to any learner. Additionally, an institution may request a Learning Tool Interoperability (LTI) cartridge download from NDG to use in their institution's Learning Management System (LMS), lecture, and lab manuals.

The materials for I**T Solutions for Digital Business; Software-Defined IT Using VMware; Academic vSphere: Install, Configure, Manage; and Academic vSphere: Optimize and Scale** include PowerPoint presentations with notes, and a lab/lecture guide if applicable.

Q. Can a student attend VMware's Commercial Training for vSphere: Install, Configure, Manage and Optimize and Scale?

A. Yes, students can order the On-Demand Training course or attend Commercial Training for vSphere: Install, Configure, Manage and Optimize and Scale through MyLearn, or attend a class at a VMware Authorized Training Center.

Q. Will students receive a discount for the Commercial Training for vSphere: Install, Configure, Manage and Optimize and Scale?

A. IT Academy students do not receive a discount on VMware Commercial Training courses.

Q. Will an IT Academy student receive "course attendance" credit?

A. Yes, an IT Academy student is eligible to receive course attendance credit from VMware, take at least one course (Install, Configure, Manage or Optimize and Scale), pass one exam, and use a PSE exam voucher at Pearson.

Q. Will an IT Academy course appear in MyLearn or Certification Manager?

A. No, the IT Academy courses do not appear in MyLearn or Certification Manager.

Kivuto Webstore

Q. Will our IT Academy subscription expire with Kivuto?

A. Subscriptions expire one year from the purchase date.

Q. What resources will be available through Kivuto?

A. Please review the website for the latest information.

AVAILABLE RESOURCES
Software licenses: Fusion Workstation Pro 15   Workstation Player
VMware vCenter Server® Standard VMware Study Material Discount   VCA Data Center Virtualization Labs vSphere Standard and Enterprise Plus
E-texts for Cloud Foundations, DCV Fundamentals, and Workforce Mobility Fundamentals
Discount certification vouchers for VCA and VCP
vSphere: Install, Configure, Manage and Optimize and Scale labs powered by NDG

NDG Labs and Other Labs

Q. Are labs available?

A. Labs are available through NDG. NDG will continue to offer the vSphere: Install, Configure, Manage and Optimize and Scale labs.

NDG has two lab offerings to support VMware IT Academies:

1. NETLAB+ enables schools to host VMware vSphere Install, Configure, Manage and Optimize and Scale labs. To learn more about NETLAB+, reference the NDG website at *https://www.netdevgroup.com*.
2. NDG also hosts the vSphere Install, Configure, Manage and Optimize and Scale labs as a service offered to VMware IT Academies. To learn more visit *https://www.netdevgroup.com/online/content/vmita*.

VMware will still offer the *free Hands-on Labs*.

Q. Are the labs free or do I have to order all from NDG?

A. A lab setup guide for Software-Defined IT Using VMware is available from NDG. The guide allows IT Academies to set up their own labs using the software and licenses available from the Kivuto webstore. However, there is no support for those wanting to create their own labs.

NDG offers support and a lab service for NDG customers using the NETLAB+ product or as a hosted lab service for a fee. To learn more about the labs NDG supports for the VMware IT Academies visit *https://www.netdevgroup.com/online/content/vmita*.

Books and E-texts

Q. Are books available for IT Academy offerings?

A. Yes. Gilmore Global offers both printed student manual and e-book. The Kivuto webstore also offers e-books for the new VMware IT Solutions for Digital Business; Software–Defined IT Using VMware; Academic vSphere Install, Configure, Manage; and Academic vSphere Optimize and Scale. The e-texts and the printed student manuals are the same as the instructor's PowerPoint slides.

Branding

Q. Can I use the VMware IT Academy branding?

A. Yes, you can use the VMware IT Academy logo to teach the new academic courses.

Training and Support

Q. How do I get trained on the new curriculum?

A. While training is not required, instructor training options will be communicated via the IT Academy website and upcoming newsletters. To add yourself or others to the IT Academy Newsletter, email *itacademy@vmware.com*.

Who Do I Call for Support?

• Support questions: *itacademy@vmware.com*
• Kivuto support: *elms-fusion@kivuto.com*
• NDG support: *support@netdevgroup.com*
• Gilmore Global: *vmwareitacademy@gilmore.ca*

We strive to keep each of you informed of any changes. Program changes are also posted on our *webpage* under Existing Academies and Announcements.

For the latest updates, please visit our *Resource* page frequently.