

Instructor Guidelines

VMware IT Academy

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The IT Academy Instructor Guidelines are subject to the terms of the VMware IT Academy Program Agreement and related addenda. VMware reserves the right to administer and modify the Program Guide at its discretion.

Please consult our website www.vmware.com/company/research/it-academy.html to ensure you are viewing the latest version of this document.

Program Overview

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.

VMware is committed to education and supporting our academic community through our VMware IT Academy program. VMware IT Academy jump-starts students' careers by enhancing their knowledge of VMware technologies. With that knowledge, students can work with customers and partners to drive societal impact through VMware's products and people. VMware skills also help students master emerging technologies like edge computing. Students also have the opportunity to contribute to the development of cloud, mobile, Internet of Things (IoT), and artificial intelligence (AI)—four technologies that are transforming every industry and economy.

Key benefits

- Instructor training provides the tools and competency needed for the classroom.
- A wide variety of delivery methods lets instructors select the training to best fit their unique needs.

Training requisites

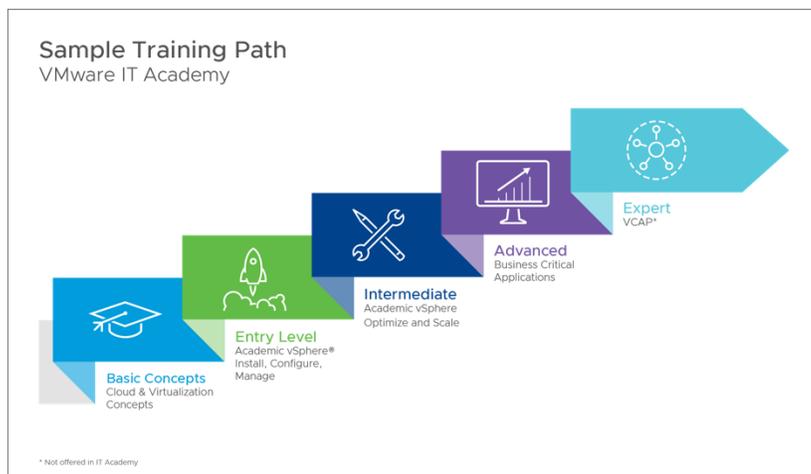
- The participant's institution is an approved [VMware IT Academy](#) member.
- The institution names an authorized administrator or instructor.
- The institution's authorized participant sets up a [Kivuto web portal](#).
- The institution's authorized administrator or instructor makes lab arrangements.
- The institution's authorized administrator or instructor has an active account on the [MyLearn](#) portal.
- The institution's authorized participant has a faculty account on the [Kivuto web portal](#).

The Approach

The modular training approach of VMware IT Academy means that, regardless of what an instructor chooses to teach, there is training to support the journey. Coursework is delivered through a global network of colleges and universities, as well as through online certification, hands-on labs, and other VMware learning resources.

By listening to our community, we ensure that together we develop an academic program that aligns to your students' educational needs. Academy offerings are designed so that each step is built on the one before it. But there is flexibility to build an individualized curriculum, choosing from a wide variety of course offerings.

This document is for college and university faculty, technical instructors, non-profit staff, and secondary education teachers who will deliver VMware IT Academy courses. It outlines the course offerings, requirements, badges, and/or certifications available and authorized delivery methods.



Basic concepts

For those gaining familiarity with the basic concepts of cloud and virtualization, VMware IT Academy offers a free, self-paced micro-course that includes hands-on activities for deeper learning.

CLOUD AND VIRTUALIZATION CONCEPTS BY NDG	
<ul style="list-style-type: none"> • Content type: Theory and labs • Train the Trainer (TTT) type: Online, self-paced learning • Cost: Free • Resource requirements: A user account at the Network Development Group (NDG) portal 	<ul style="list-style-type: none"> • Resource location: NDG • Duration: 8–12 hours • Required for the next step: No • Delivery methods: <ul style="list-style-type: none"> – Instructor-led training – Self-paced online learning

Upon completion, participants can request a VMware Acclaim Badge from itacademy@vmware.com.

INTRODUCTION TO VIRTUALIZATION BY NDG	
<ul style="list-style-type: none"> • Content type: Theory and labs • TTT type: Online, self-paced learning • Cost: Free • Resource requirement: A user account at the NDG portal • Resource location: NDG 	<ul style="list-style-type: none"> • Duration: 8–12 hours • Requirement for the next step: No • Delivery methods: <ul style="list-style-type: none"> – Instructor-led training – Self-paced online learning

Upon completion of the course, participants can request a VMware Acclaim Badge from itacademy@vmware.com.

Entry level

Once the basics are clear, users have the option of taking a few different micro-courses and courses that will build upon each other.

NETWORK VIRTUALIZATION CONCEPTS BY NDG	
<ul style="list-style-type: none"> • Content type: Theory • TTT type: Online, self-paced learning • Cost: Free • Resource requirements: A user account at the NDG portal • Resource location: NDG 	<ul style="list-style-type: none"> • Duration: 8–12 hours • Required for the next step: No • Delivery methods: <ul style="list-style-type: none"> – Instructor-led training – Self-paced online learning

Upon completion of the micro-course, participants can request a VMware Acclaim Badge from itacademy@vmware.com.

SOFTWARE-DEFINED STORAGE CONCEPTS	
<ul style="list-style-type: none"> • Content type: Theory • TTT type: Online, self-paced learning • Cost: Free • Resource requirements: A user account at the NDG portal • Resource location: NDG 	<ul style="list-style-type: none"> • Duration: 8–12 hours • Required for the next step: No • Delivery methods: <ul style="list-style-type: none"> – Instructor-led training – Self-paced online learning

Upon completion of the micro-course, participants can request a VMware Acclaim Badge from itacademy@vmware.com.

IT SOLUTIONS FOR DIGITAL BUSINESS	
<ul style="list-style-type: none"> • Content type: Theory • TTT type: Self-study with PowerPoint slides or through a regional academy • Cost: A Kivuto subscription is required • Resource requirement: A user account on the Kivuto portal 	<ul style="list-style-type: none"> • Resource location: OnTheHub (Kivuto webstore) • Duration: 40 hours • Requirement for the next step: No • Delivery method: Instructor-led training

Upon completion, students should be prepared for the VMware Certified Associate—Digital Business Transformation (VCA-DBT).

Intermediate

VMware vSphere is the market-leading solution that pioneered server virtualization, among other technologies. Essential courses explain how to operate the software via theory and lab sessions. Concepts gained in essential courses will serve as the foundation for other courses and can lead to a VMware certification.

SOFTWARE-DEFINED IT USING VMWARE vSPHERE ACADEMIC VMWARE VSPHERE: INSTALL, CONFIGURE, MANAGE	
<ul style="list-style-type: none"> • Content type: Theory and labs • TTT type: Online, self-paced content or through classroom instruction at a regional academy, NDG demo labs, or hands-on labs • Cost: A Kivuto subscription is required; training costs will vary • Resource requirement: <ul style="list-style-type: none"> – A user account on the Kivuto portal – A demo lab setup at NDG 	<ul style="list-style-type: none"> • Resource location: OnTheHub (Kivuto webstore) • Duration: 40 hours plus 20 hours supplemental • Requirement for the next step: Yes • Classroom delivery method: Instructor-led training

For the IT Academy learners to become VCP-DCV certified, they must take one or both of the following courses:

- vSphere: Install, Configure, Manage
- vSphere Optimize and Scale

Upon completion of the course(s), the instructor orders a Partner Student Education (PSE) voucher for the student through the certification section on the Kivuto webstore. Students cannot order vouchers themselves. Once ordered, the student then receives their 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 2V0-602PSE: vSphere 6.5 Foundations Exam.

vSphere 6.5 Foundations Exam

Online Exams	
Exam Code	Exam Name
1V0-701	VMware Certified Associate - Digital Business Transformation Exam
2V0-602	vSphere 6.5 Foundations Exam
2V0-620	vSphere 6 Foundations Exam
2V0-602PSE	vSphere 6.5 Foundations Exam
2VB-602	VMware Specialist: vRealize Operations 6.x Exam
5VB-101	VMware Validated Designs for Software-Defined Data Center 2017 Exam

For data center virtualization, search for “2V0-621PSE VMware Certified Professional 6 – Data Center Virtualization Exam.”

Data Center Virtualization Exam

IT Academy Student – PSE Exams	
Exam Code	Exam Name
2V0-621PSE	VMware Certified Professional 6 - Data Center Virtualization Exam
2V0-622PSE	VMware Certified Professional 6 - Data Center Virtualization (6.5) Exam

Advanced

Those familiar with vSphere can deepen their knowledge with professional course content that can lead to a VMware certification.

ACADEMIC VMWARE vSPHERE: OPTIMIZE AND SCALE	
<ul style="list-style-type: none"> • Content type: Theory and labs • TTT type: Training at a regional academy or through VMware • Cost: A Kivuto subscription is required; training costs will vary • Course requirement: vSphere Foundations certification • Resource location: eBooks on Kivuto 	<ul style="list-style-type: none"> • Duration: 40 hours plus 20 hours supplemental • Requirement for the next step: Yes • Badge or certification: Prepares participants for the VCP-DCV certification • Classroom delivery method: Instructor-led training

For the IT Academy learner to become VCP-DCV certified, they must take one or both of the following courses:

- vSphere: Install, Configure, Manage
- vSphere: Optimize and Scale

Upon completion of the course(s), the instructor orders a PSE voucher for the student through the certification section on the Kivuto webstore. Students cannot order vouchers themselves. Once ordered, the student then receives their PSE voucher via email and can then register for their exam with Pearson VUE under IT Academy Student—PSE Exams.

Expert (target release date: September 2019)

With professional knowledge of vSphere and an understanding of software-defined networks and virtualized storage resources, the next step is to master the virtualization of business-critical applications from vendors like Microsoft, SAP, and Oracle.

Participation in expert-level courses is *by invitation only*, with selection criteria dependent on the participant’s success in completing all previous levels.

BUSINESS-CRITICAL APPLICATIONS	
<ul style="list-style-type: none"> • Content type: Theory and labs • TTT type: Off-site classroom instructor-led training • Cost: A Kivuto subscription is required, training costs will vary • Course requirement: VCP-DCV certification • Resource location: TBD 	<ul style="list-style-type: none"> • Duration: 5 days • Badge or certification: TBD • Classroom delivery method: Instructor-led training

Full Course Guide

COURSE TITLE	CONTENT TYPE	COST	DURATION	DELIVERY METHOD	REQUIREMENT
Introduction to Virtualization	Online	Free	8–12 hours	<ul style="list-style-type: none"> Self-paced Instructor-led 	None
Cloud and Virtualization Concepts	Online	Free	8–12 hours	<ul style="list-style-type: none"> Self-paced Instructor-led 	None
Software-Defined Storage Concepts	Online	Free	8–12 hours	<ul style="list-style-type: none"> Self-paced Instructor-led 	Recommended
Network Virtualization Concepts	Online	Free	8–12 hours	<ul style="list-style-type: none"> Self-paced Instructor-led 	Recommended
IT Solutions for Digital Business	PPT	A Kivuto subscription is required. OnTheHub webstore required.	40 hours	Instructor-led	Recommended
Software-Defined IT Using VMware vSphere version x	PPT Lab or lecture guide	A Kivuto subscription is required. OnTheHub webstore required. Fee may be charged by regional academy.	60 hours	Instructor-led	Recommended
Academic VMware vSphere: Install, Configure, Manage	PPT Lab or lecture guide	A Kivuto subscription is required. OnTheHub webstore required. Fee may be charged by regional academy.	40 hours + 20 hours supplemental	Instructor-led	Recommended
Academic VMware vSphere: Optimize and Scale	PPT Lab or lecture guide	A Kivuto subscription is required. OnTheHub webstore required. Fee may be charged by regional academy.	40 hours + 20 hours supplemental	Instructor-led	Required, Software-Defined IT Using VMware or Academic VMware vSphere: Install, Configure, Manage
Business Critical Applications	Classroom	Fee-based	40 hours + 20 hours supplemental	Instructor-led	Required

If you have any questions regarding VMware IT Academy instructor training, please contact itacademy@vmware.com.

For more information on software licenses or labs, please refer to the [VMware IT Academy Program Guide](#).

Partner Email Support Resources

- Gilmore Global, LLC (vmwareitacademy@gilmore.ca)
- Network Development Group (NDG) (support@netdevgroup.com)
- Kivuto Solutions, LLC (elms-fusion@kivuto.com)

Partner Websites

- Gilmore Global (www.gilmoreglobal.com)
- Kivuto (www.onthehub.com/vmware)

