



Honeywell Academy

# **E-LEARNING** **ACCESS** **REQUIREMENTS**

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## Virtual Instructor-Led Training (VILT) Access Requirements

### Overview:

Virtual Instructor-Led courses offer the same content as standard courses. Participants will have full time 'live' instructor lectures, but participants and trainer may not be in the same physical location. Training delivery consisting of recorded lectures, demonstration videos, electronic course documentation, and access to remote servers for hands-on practice and lab assignments are provided for establish scheduled dates.

- Daily Instructor-Led lectures with real time presentations
- Daily course progress goals
- Electronic course documentation
- 24-hour access to remote servers for hands-on practice and completion of lab assignments

### Access Requirements

**You must review the requirements and test the links below prior to enrollment to determine whether your system can support virtual training:**

#### 1. Audio Requirements

- Primary means for audio is Voice Over Internet Protocol (VOIP) connect via PC/Laptop
  - Recommend using a headset for audio
  - Optional: landline/Cellular dial in (Microsoft Teams only)
- Locate yourself in a quiet area with minimal or no background noise.

#### 2. Internet Requirements

**The following steps must be performed prior to enrollment.**

- **Connected to a reliable Broadband or corporate LAN connection**
  - Run the Skytap Connectivity Checker - Use this tool to check your connectivity to Skytap: <https://cloud.skytap.com/tools/connectivity>
  - Please run the check against the following
    - If located in the US, Canada, and Latin America, please run the check against all three regions and inform our registration team of the lowest latency result:
      - US-West region
      - US-Central region
      - US-Virginia-M-1
    - If located in the EMEA (Europe, Middle East, and Africa) region, please run the check against the following two regions and inform our registration team of the lowest latency result:
      - EMEA
      - DE-Frankfurt-I-1

- If located in the AP (Asia Pacific) region, please run the check against the following region and inform our registration team of the lowest latency result:
      - APAC-2
  - Verify latency is 150ms or less highly recommended; 250-300ms maximum for adequate performance. Note that the bandwidth and latency requirements are computed for a single user. If you have multiple users leveraging a browser connection or RDP at the same time from the same physical location, your bandwidth requirements will be higher
  - For TPS training you must have the ability to establish a Remote Desktop Protocol (RDP) connection via TCP port 3389
- **Verify your Operating Systems is:**
  - Windows 7 Professional or above and Apple OS X or later
- **Verify you are using a current Browser:**
  - Microsoft Edge
  - Mozilla Firefox
  - Google Chrome
  - Apple Safari
- **Optional: Test your Bandwidth:**
  - Minimum download speed of 1.16 Mb/sec (150 KB/sec) is required per connection (i.e. per each individual User). Skytap can estimate the bandwidth of our connection at <http://speedtest.skytap.com/>
  - Skip this test if you get a latency test error message due to a firewall blocking it.

### 3. Software Requirements (Collaboration Platforms)

- Microsoft Teams (Teams) which can be downloaded and installed via the following URL:
  - [MS Teams](#)
- The facilitator-led portion of the course will be conducted using MS Teams web conferencing.

### 4. Hardware Requirements

- Any current PC/Laptop/MAC/Android/IOS device
- Memory: 4 GB (Minimum) or 8 GB (Recommended)
- Storage: At least 20GB of free disk space
- Sound: Windows compatible sound card with external speakers or headphones and microphone
- Display resolution: 1280 x 1024 resolution or higher and at least 19" monitor is recommended for better viewing ability.
- **Dual Displays are required to facilitate Virtual Machine access and view course documentation at the same time.**

## Asynchronous Training (AT) Access Requirements

### Overview:

Asynchronous courses offer the same content as Instructor-Led (ILT) courses. Participants are provided access to training materials via recorded lectures, demonstration videos, electronic course documentation along with questions and answers addressed via a designated mailbox and 24-hour access to remote servers for hands-on practice and lab assignments for an extended amount of time over the Instructor-Led (ILT) course duration.

- Recorded lectures with demonstration videos
- Electronic course documentation
- 24-hour access to remote servers for hands-on practice and completion of lab assignments for a specified period of time
- Email access to an Automation College mailbox for questions occurring during course work

### Access Requirements

**You must review the requirements and test the links below prior to enrollment to determine whether your system can support virtual training:**

#### 1. Internet Requirements

**The following steps must be performed prior to enrollment.**

- **Connected to a reliable Broadband or corporate LAN connection**
  - Run the Skytap Connectivity Checker - Use this tool to check your connectivity to Skytap: <https://cloud.skytap.com/tools/connectivity>
  - Please run the check against the following
    - If located in the US, Canada, and Latin America, please run the check against all three regions and inform our registration team of the lowest latency result:
      - US-West region
      - US-Central region
      - US-Virginia-M-1
    - If located in the EMEA (Europe, Middle East, and Africa) region, please run the check against the following two regions and inform our registration team of the lowest latency result:
      - EMEA
      - DE-Frankfurt-I-1
    - If located in the AP (Asia Pacific) region, please run the check against the following region and inform our registration team of the lowest latency result:
      - APAC-2
  - Verify latency is 150ms or less highly recommended; 250-300ms maximum for adequate performance. Note that the bandwidth and latency requirements are computed for a single user. If you have multiple users leveraging a browser

connection or RDP at the same time from the same physical location, your bandwidth requirements will be higher.

- **Verify your Operating Systems is:**
  - Windows 7 Professional or above and Apple OS X or later.
  
- **Verify you are using a current Browser:**
  - Microsoft Edge
  - Mozilla Firefox
  - Google Chrome
  - Apple Safari
  
- **Optional: Test your Bandwidth:**
  - Minimum download speed of 1.16 Mb/sec (150 KB/sec) is required per connection (i.e. per each individual User). Skytap can estimate the bandwidth of your connection at <http://speedtest.skytap.com/>
    - Skip this test if you get a latency test error message due to firewall.

## 2. Software Requirements

- Windows 7 Professional or above and Apple OS X or later
- Verify minimum Browsers requirement:
  - Microsoft Edge
  - Mozilla Firefox
  - Google Chrome
  - Apple Safari

## 3. Hardware Requirements

- Any current PC/Laptop/MAC/Android/IOS device
- Memory: 4 GB (Minimum) or 8 GB (Recommended)
- Storage: At least 20GB of free disk space
- Sound: Windows compatible sound card with external speakers or headphones and microphone
- Display resolution: 1280 x 1024 resolution or higher and at least 19" monitor is recommended for better viewing ability.
- **Dual Displays are required to facilitate Virtual Machine access and view course documentation at the same time.**

## Modular Training (MT) Access Requirements

### Overview

Modular courses have been designed to provide flexible on-demand, topic-based learning. You have the ability to access all or part of the courses as often as you wish for a specified duration.

### Access Requirements

You must review the requirements [prior to enrollment](#) to determine whether your system can support virtual training:

#### 1. Internet Requirements

- Connected to a reliable Broadband or corporate LAN connection

#### 2. Software Requirements

- Windows 7 Professional or above and Apple OS X or later
- Verify minimum Browsers requirement:
  - Microsoft Edge
  - Mozilla Firefox
  - Google Chrome
  - Apple Safari

#### 3. Hardware Requirements

- Any current PC/Laptop/MAC/Android/IOS device
- Memory: 4 GB (Minimum) or 8 GB (Recommended)
- Storage: At least 20GB of free disk space
- Sound: Windows compatible sound card with external speakers or headphones and microphone
- Display resolution: 1280 x 1024 resolution or higher and at least 19" monitor is recommended for better viewing ability.
- **Dual Displays are [highly recommended to view course documentation and perform other work at the same time.](#)**

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