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 Cloudshare Remote Access Test - Use this tool to check your connectivity to Cloudshare: https://use.cloudshare.com/Ent/Machine.mvc/testpage#/
       - Please run the check against the following
         - Perform the check against all three regions and inform our registration team of the lowest latency result:
           - US East (Miami)
           - Asia Pacific (Singapore)
           - EU Amsterdam
       - Also run the Speed Test to determine bandwidth and latency
         - Minimum bandwidth to connect should not be below 150kbps
         - 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 at the same time from the same physical location, your bandwidth requirements will be higher.

Remote Access Tests

Data Center

US East (Miami)

All tests passed!
(Speed test wasn't run)

✅ **Canvas support**

✅ **WebSocket connection**

Speed Test	Run
To test packet loss open a terminal and run:	
✚	

Chrome Firefox

Support

- **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

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 either CloudShare native Audio Video service or 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 <u>required</u> 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 Cloudshare Remote Access Test - Use this tool to check your connectivity to Cloudshare: https://use.cloudshare.com/Ent/Machine.mvc/testpage#/
       - Please run the check against the following
         - Perform the check against all three regions and inform our registration team of the lowest latency result:
           - US East (Miami)
           - Asia Pacific (Singapore)
           - EU Amsterdam
       - Also run the Speed Test to determine bandwidth and latency
         - Minimum bandwidth to connect should not be below 150kbps
         - 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 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

2. **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** <u>required</u> **to facilitate Virtual Machine access and view course documentation at the same time.**

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