



How It Works ... Online Certification!

- ✓ A purchase order or pre-payment is required to begin the video certification process. Credit Cards are accepted.

Individuals being trained can use their own credit card and purchase directly from the website. (You will then be contacted for a reliable address to ship the training manual.)

Managers wanting to use a credit card for their employees, or managers with multiple folks to train, can use a credit card ... or a purchase order. Either way, the manager must first make arrangements with: Contact@MicroscopyUSA.com. 10% discounts are available for multiple certifications!

- ✓ The training manual will be sent immediately (3-5 days) to the technician(s) being trained as soon as the payment is received, or when a manager has scheduled the training. It is best not begin the video series until the training manual is in-hand. There is a 30-day window for completing the training that begins at the time of credit card purchase, or upon login when scheduled by a manager. No refund is offered if an individual does not complete the certification requirements within the 30-day window.
- ✓ A special login and password are issued for each individual being trained.
- ✓ The progress for each video is tracked for each technician.

A screenshot of a user dashboard with a table of video progress. The table has columns for 'CONTENT', 'LATEST VIEW', 'WATCH TIME', 'COMPLETION', and 'MOST RECENT LOGINS'. There are five rows of data, each representing a different video topic with its completion percentage and a progress bar.

CONTENT	LATEST VIEW	WATCH TIME	COMPLETION	MOST RECENT LOGINS
Lab Safety Issues(2) Video	Mar 12, 2024 10:38 AM	52m 2s	88%	United States of America Windows
Order-Cleaning Procedures(4) Video	Mar 12, 2024 10:21 AM	7m 48s	71%	United States of America Windows
Order(2) Video	Mar 12, 2024 10:10 AM	10m 12s	62%	United States of America Windows
Correct Wiping Procedures(2) Video	Mar 12, 2024 10:08 AM	8m 3s	55%	United States of America Windows
Form Proper Function Microscope(2) Video	Mar 12, 2024 09:43 AM	8m 3s	71%	United States of America Windows

ALL VIDEOS MUST BE WATCHED TO COMPLETION! YOUR PROGRESS IS BEING MONITORED!

- ✓ Each individual is given 24/7 video access on any Internet device for 30 days. It is recommended that these training videos be viewed on a desktop monitor, as opposed to a cell phone or tablet.
- ✓ These lessons are educationally scaffolded ... meaning they build understanding progressively and are designed to be viewed in the order listed in the training manual.
- ✓ If your department does not currently have an ocular with a crosshair reticle and 23.2-30.0 mm adapter; one will be needed to complete the training. These are purchased separately from online training costs. They are included as part of the TK-100 Tool Kit listed at [MicroscopyUSA.com](https://www.microscopyusa.com)



- ✓ In order to maintain educational cohesion ... each individual will have a 30-day window to complete all the video lessons once payment is made, or when scheduled through a manager. This window will not be extended, so be careful to pace your viewing efforts. We recommend a strong effort of 4-6 hours of viewing and notetaking to begin the series. The entire series will involve approximately 14 hours of viewing, notetaking, and studying. It is very helpful if individuals viewing these lessons have a working microscope available while viewing.
- ✓ All video lessons are password protected, encrypted, digitally traced, and documented for each user.
- ✓ The training program covers standard clinical laboratory microscopes, but does **not** include surgical, stereomicroscopes, slit-lamp (ophthalmic), or research level microscopes seldom found in hospital laboratory settings.
- ✓ All lessons have Closed Captioning available for folks to whom English is a second language.
- ✓ At the end of the training, each individual may request to participate in an *optional* 30-minute live video question and answer discussion with the instructor to address any specific questions that have arisen from the video series. Take careful notes throughout the video sessions.
- ✓ At the end of the training, the manager / supervisor of the individual being trained may request an optional but **highly recommended** online timed quiz to bring extra accountability to the training program. **The questions are not designed to be difficult**, but will ensure that all the videos have been viewed, notes taken, and studied. To schedule an online quiz contact: Contact@MicroscopyUSA.com
- ✓ A certificate of completion will then be mailed once it has been affirmed that all of the training videos have been viewed in their entirety. (Below is a sample copy of such a certificate.)
- ✓ Certificate holders then have the option of contacting the instructor (Email Only) for advice following the training, however, there is no stated or implied formal follow-up support connected to this microscope training program. **Have your manual passcode ready to submit a request for support.**
- ✓ *Optionally*, Microscopy USA offers a Microscope Servicing Tool Kit (TK-100 / \$440), which is ordered separately and in addition to the cost of the video training. Generally, only one Tool Kit is needed per location ... not per technician. Information about the Tool Kit is found at MicroscopyUSA.com.

Let us help answer any additional questions you have about this training program; please email us at: Contact@MicroscopyUSA.com.



List of Online Video Topics – Sample Video at MicroscopyUSA.com

- Parts / Proper Function - Clinical Microscopes (1)
- Correct Viewing Procedures (2)
- Oculars (3)
- Ocular Cleaning Procedures (4)
- Lab Safety Issues (5)
- Eyestrain / Headache - Cause and Effect (6)
- Correcting Mis-aligned Head Optics (7)
- Objectives – Levels of Quality (8)
- Cleaning Objectives – Black Paint Shielding (9)
- Newer 60mm vs. Older 45mm Objectives (10)
- Oil Immersion Objectives (11)
- Immersion Oil – Types, Uses, Problems (12)
- Parfocality Objectives (13)
- Parcentration Problems (14)
- Mechanical Stage (15)
- Mechanical Stage – Carpal Tunnel Syndrome (16)
- Lubrication Concerns (17)
- Kohler Alignment (18)
- Troubleshooting Poor Images (19)
- Frozen Section Microscope Procedural Concerns (20)
- Filters / Mirrors (21) Digital Photography (22)
- Bulbs / Fuses (23)
- Teaching Microscopes (24)
- Accreditation / Documentation (25)
- Preventative Maintenance Procedure Overview (26)
- Dark Field Microscopy (27)
- Polarization (28)
- Phase Contrast (29)
- Phase Contrast Alignment (30)
- Focus Mechanism and Condenser Auto-Stops (31)
- Ocular Micrometer Calibration (32)
- UV Microscope – The Physics (33)
- UV Microscope – The Biology (34)
- UV Microscope – Bulb Alignment (35)



Getting Started !

1. Please read the enclosed “How It Works” Guidelines for Online Certification.
2. Your manager may arrange for you to take an online timed quiz at the completion of these lessons.
3. If possible, you should borrow a working clinical microscope for all lessons, especially #1-4, 6-7, and 18. Have a new bottle of 70% Isopropanol (Rubbing Alcohol) and some Q-Tips handy. If you are not purchasing a TK-100 tool kit you can get sample slides from the histology department of your hospital lab.
4. The best way to view the videos is to watch each once twice ... once for context ... and a second time for taking notes.
5. The videos are sequenced and scaffolded educationally, meaning that they build knowledge as you go. Watching a particular video out-of-sequence may be frustrating.
6. Take notes in your manual. Once you have completed the videos there is an optional 30-minute live video question and answer with the instructor. If desired, schedule this at: Contact@MicroscopyUSA.com.
7. Once all of the videos have been watched in their entirety, and you have successfully completed the optional online quiz for your manger, Microscope USA will mail you your Certificate. Make sure you communicate a reliable mailing address for shipping, as well as the exact spelling of your name related to how it will appear on the certificate.
8. Once you have completed your training it is **HIGHLY** recommended that you perform several PM servicing as soon as possible. This will cause you to “own” the information in the training.
9. If you or your shop does not have access to some needed supplies for microscope servicing you may need to purchase a Tool Kit (TK-100 / \$440.00). These are described at MicroscopyUSA.com and are purchased separately from the training program.
10. Depending on availability of the instructor ...free follow-up support is available, but only by email: Contact@MicroscopyUSA.com. That said, there is no stated or implied formal ongoing follow-up support for this training program.

Welcome!