



The Academy by MedLabs

Shaping the Future of Excellence in Healthcare



THE ACADEMY

By MedLabs

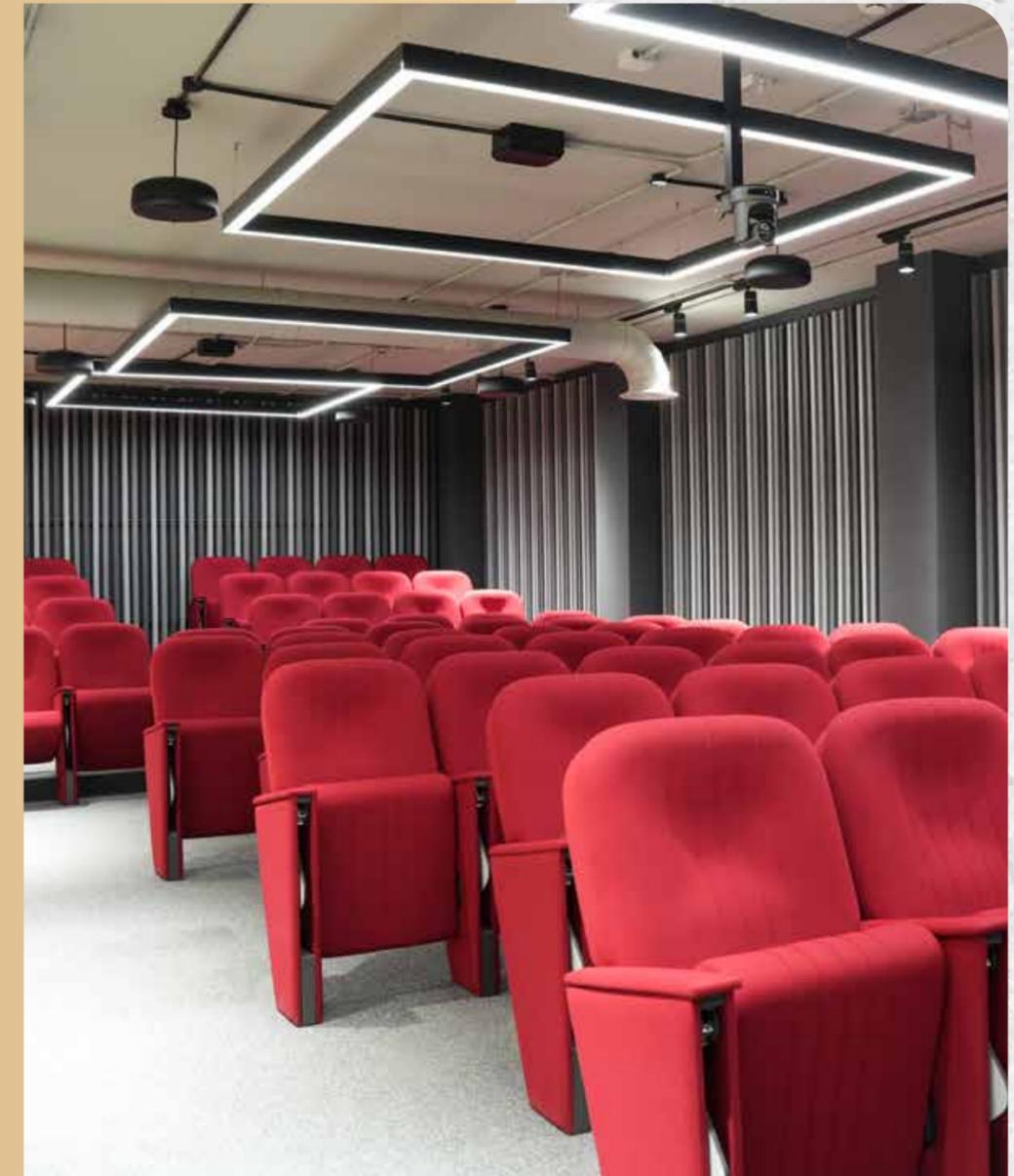
The idea to create The Academy by MedLabs was sparked in 2015 when we began to notice that young graduates joining various healthcare institutions were not fully prepared for the jobs they were starting, whether in terms of technical or capacity building skills.



Why Choose The Academy by MedLabs?

Because it's more than just an educational institution, it's a transformative learning experience designed to shape the future of healthcare and laboratory sciences.

We go beyond technical training. We inspire innovation, nurture ethical leadership, and empower healthcare professionals to make a real impact. Whether you're a student, a new graduate, or an experienced professional, The Academy by MedLabs is your gateway to cutting-edge knowledge, hands-on experience, and a global network of excellence with a humanistic edge.





Our Inspiration & Path

Inspiration

To create trailblazers in the medical field - professionals who don't just excel in their work but also drive positive change in their communities and beyond.

To be the academy of choice empowering healthcare professionals to serve their communities, and the leading Communiversiity (Community University) in the region, fostering integral humanistic management meaningful work and human flourishing.

Path

To redefine medical education by combining technical expertise, ethical awareness, and sustainability - ensuring that every graduate is ready to *lead, innovate*, and make a lasting impact.

Our approach nurtures *self-awareness* and *empathy* in a holistic learning environment that develops *ethically* responsible, highly skilled healthcare professionals who *aspire* to reach their full potential and provide premium patient care.

What Sets Us Apart?

- **Powered by MedLabs' Expertise**

With decades of experience in diagnostic healthcare, The Academy by MedLabs delivers more than education — we shape future professionals through real-world insights and hands-on training.

- **Beyond Skills — We Build Leaders & Professionals**

We instill excellence, empathy, responsibility, and innovation — the same values that define MedLabs' success across the region.

- **Training That Reflects Reality**

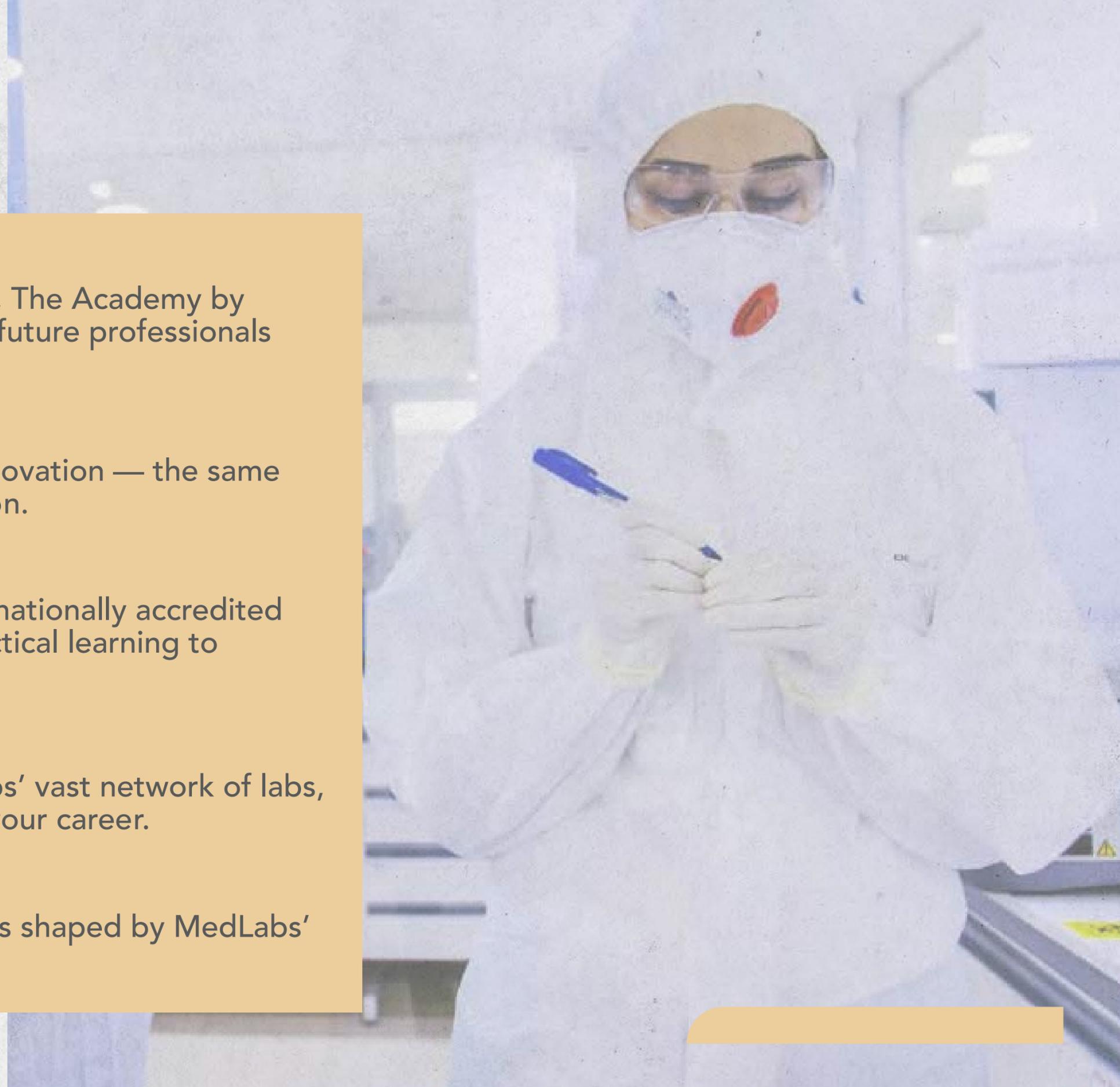
Our curriculum is built on MedLabs' day-to-day internationally accredited lab operations, combining expert guidance with practical learning to prepare learners for immediate impact.

- **A Network That Opens Doors**

Join a professional community connected to MedLabs' vast network of labs, mentors, and healthcare leaders — a launchpad for your career.

- **Beyond Books — Real Learning, Real Results**

We go beyond traditional learning, offering programs shaped by MedLabs' proven practices and front-line experience.





International Accreditation

The Continuing Professional Development (CPD) Standards Office-dual Accreditation.

This unique accreditation has been developed in response to market demand from the training community. It is an independent and external verification that combines training quality benchmarks whilst also confirming a CPD provision.

Our Training, Learning Formats & World Class Facilities

At The Academy, we believe in flexibility, accessibility, and positive transformation. Our training programs are designed to fit your lifestyle, ensuring you get the finest learning experience in the way that suits you best, whether in person or online.

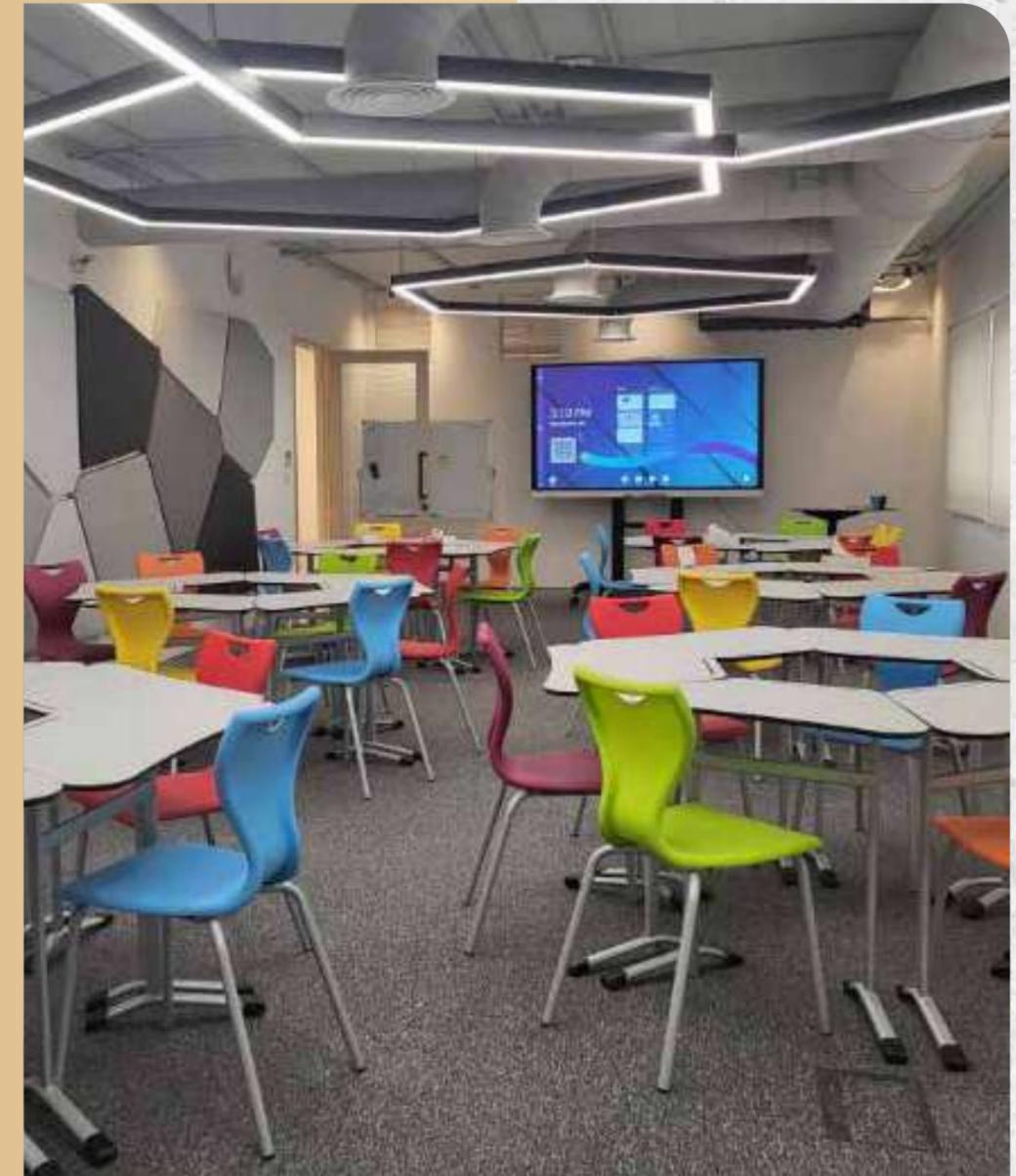
- Dedicated state-of-the-art training labs fully equipped for hands-on practice
- Theater-style lecture halls & interactive learning spaces
- Tech-enabled workshop learning rooms designed for future-focused education



Training Programs

The Academy by MedLabs has developed market-driven programs, training packages, and curricula based on a thorough needs assessment of the 21st-century skills set needed for medical laboratory and healthcare practitioners.

The programs' design and delivery are built on the Knowledge, Skills, Attitudes (KSA) adult learning methodologies.

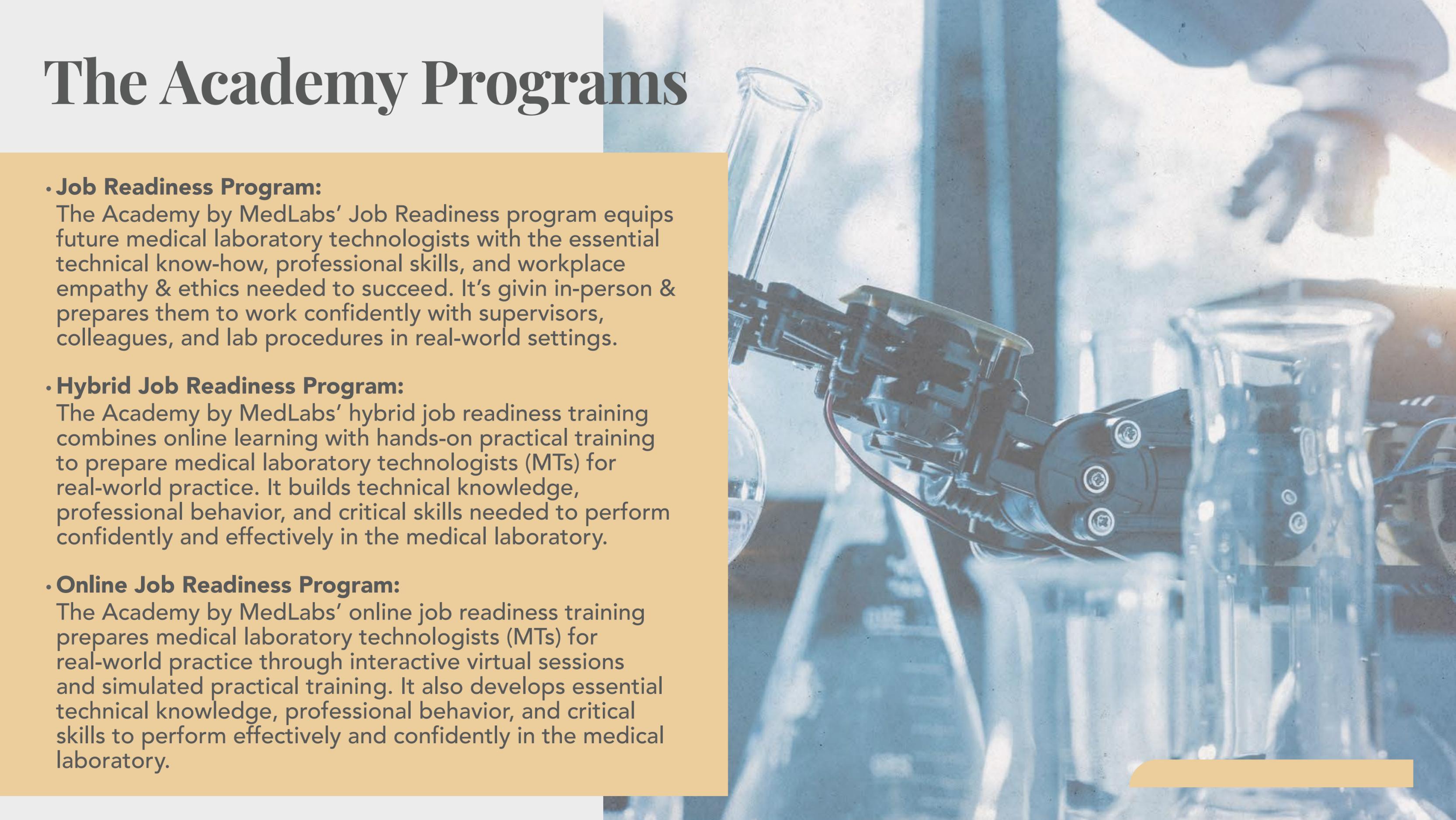




Investing in People, Building Capacity

- Team Building and Collaboration
- Excellence in Patient / Customer Care
- Self-Awareness and Emotional Intelligence
- Workplace Ethics & Dignified Service Delivery
- Time, Conflict & Stress Management
- Communication Skills for Clarity & Confidence
- Social Intelligence and Social Responsibility
- Problem Solving & Decision Making
- Leadership and Management Skills
- Sustainability, Agility and Change Management
- Data Management
- Integral Enterprise / CARE Management
- Humanistic Management and Meaningful Work
- Wellbeing and Longevity

The Academy Programs



- **Job Readiness Program:**

The Academy by MedLabs' Job Readiness program equips future medical laboratory technologists with the essential technical know-how, professional skills, and workplace empathy & ethics needed to succeed. It's given in-person & prepares them to work confidently with supervisors, colleagues, and lab procedures in real-world settings.

- **Hybrid Job Readiness Program:**

The Academy by MedLabs' hybrid job readiness training combines online learning with hands-on practical training to prepare medical laboratory technologists (MTs) for real-world practice. It builds technical knowledge, professional behavior, and critical skills needed to perform confidently and effectively in the medical laboratory.

- **Online Job Readiness Program:**

The Academy by MedLabs' online job readiness training prepares medical laboratory technologists (MTs) for real-world practice through interactive virtual sessions and simulated practical training. It also develops essential technical knowledge, professional behavior, and critical skills to perform effectively and confidently in the medical laboratory.



- **Pre-Service Program:**

Our pre-service program focuses on developing both laboratory and management skills through hands-on training, preparing you to apply what you've learned in real-world lab settings.

- **In-Service Program:**

This program allows you to choose a specialized lab section to expand your skills in through hands-on learning, giving you a direct path to advanced lab techniques, and real clinical experience across key medical lab disciplines.

- **Short courses:**

Our short courses are designed to equip learners with essential, job-readiness skills in key areas such as phlebotomy, hematology, microbiology, lab safety, and professional ethics. Each course offers hands-on training and practical knowledge, ensuring participants gain real-world experience that aligns with current diagnostic laboratory standards.

- **Continuing Professional Development:**

Our CPD programs are designed to help healthcare professionals stay current, expand their knowledge, and enhance their skills. Through expert-led workshops, specialized courses, and practical training, we support lifelong learning and continuous improvement in clinical and laboratory practice.

Experience Based Technical Courses

1. Diagnostic Microbiology
2. Routine & Microscopy
3. Biochemistry
4. Clinical Immunology
5. Hematology & Coagulation
6. Lab General Course
7. Lab Specialties
 - A. Molecular Genetics
 - B. Genomics
 - C. Cytogenetics
 - D. Metabolic Disorders
 - E. Histopathology
 - F. Cytopathology
8. Quality & Safety Management



1. Diagnostic Microbiology

Module 1: Microscopy

Module 2: Morphology, pathogenicity and laboratory diagnosis of Gram positive

Module 3: Morphology, pathogenicity and laboratory diagnosis of Enterobacteriaceae

Module 4: Morphology, pathogenicity and laboratory diagnosis of non-Enterobacteriaceae

Module 5: Chlamydial infections & Sexually transmitted diseases

Module 6: Morphology, pathogenicity and laboratory diagnosis of Anaerobes

Module 7: Morphology, pathogenicity and laboratory diagnosis of Mycobacteria

Module 8: Automation in Microbiology, principles and applications

Module 9: Emerging bacterial disease and increasing resistance (AMR)

Module 10: Immunodiagnosis in the Microbiology lab

Module 11: Medically significant fungi

Module 12: Medically significant Viruses

Module 13: Bioterrorism

2. Routine & Microscopy

Module 1: Urine Analysis

Module 2: Stool analysis and Parasitology

Module 3: Seminal fluid analysis

3. Biochemistry

Module 1: Organ Function

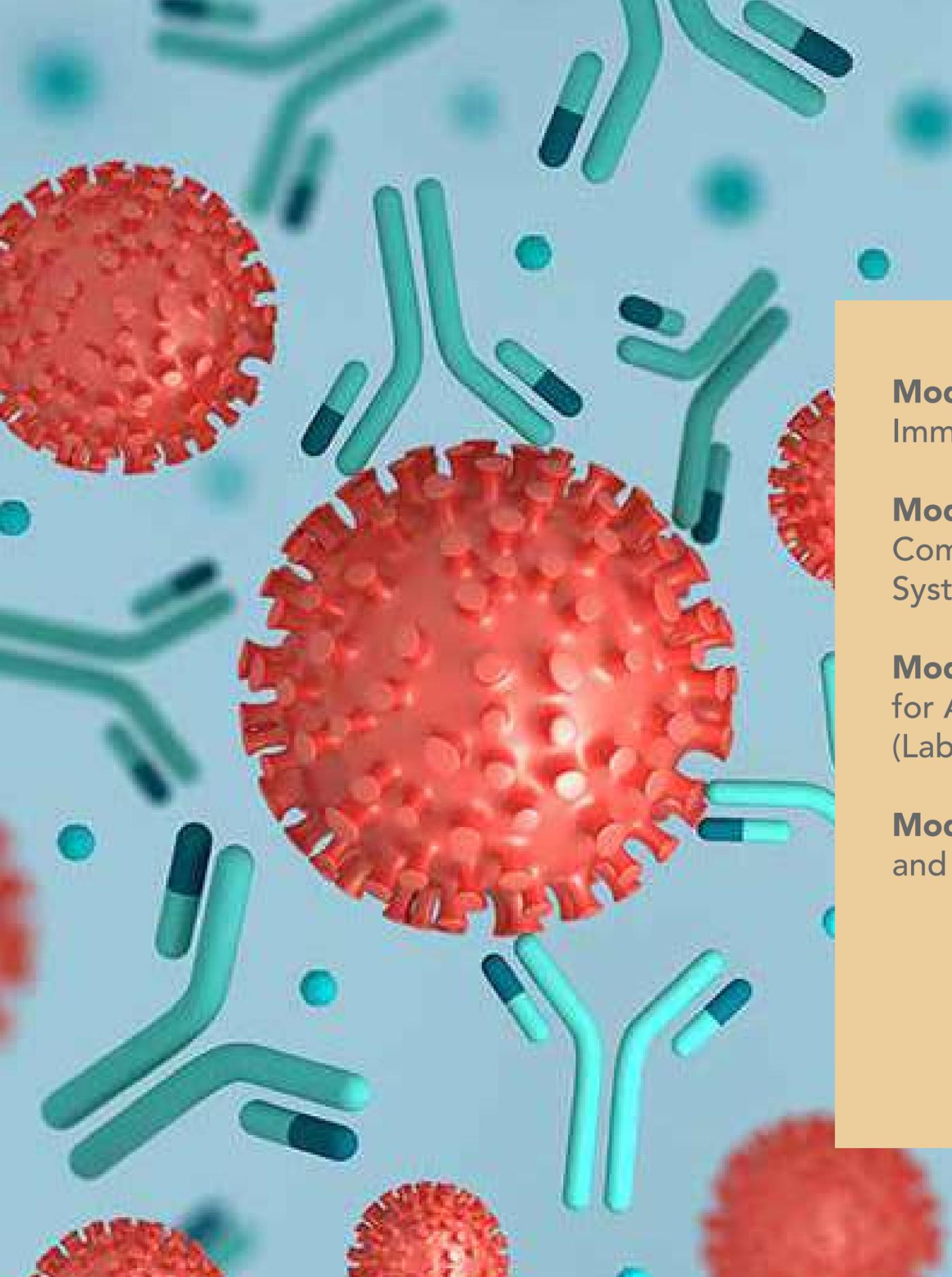
Module 2: Lipid metabolism

Module 3: Diabetes Mellitus

Module 4: Hormones

Module 5: Vitamins





4. Clinical Immunology

Module 1: Introduction to the Immune System

Module 2: Basic Concepts and Components of the Immune System

Module 3: Diagnostic Tests for Antibody or Antigen (Laboratory Techniques)

Module 4: Immune System and Infectious Disease

Module 5: Concepts of Autoimmune Diseases

Module 6: Interpretation of Autoimmune Diseases

Module 7: Hypersensitivity Reactions (Hypersensitivity to Environmental Substances) and Food Intolerance

Module 8: Transplant & tumor immunology

5. Hematology & Coagulation

Module 1: Instrumentation

Module 2: Basic Hematology & Specialized Hematology

Module 3: Red Blood Cells & their benign conditions

Module 4: White Blood Cells & their benign disorders

Module 5: Physiology and pathologic entities of Blood Platelets and Coagulation factors

Module 6: Immunoematology

Module 7: Malignant Hematology

6. Lab General Course

Module 1: Introduction

Module 2: Pre-Analytical Phase

Module 3: Analytical Phase

Module 4: Post Analytical Phase

7. Lab Specialties

Molecular Genetics

Genomics

Cytogenetics

Metabolic Disorders

Histopathology

Cytopathology

8.

Quality & Safety Management

Quality Management:

Module 1: Quality Culture

Module 2: Quality Management System (QMS)

Module 3: Laboratory Accreditation

Module 4: Document Control

Module 5: Orientation

Module 6: Learning and Competency

Module 7: General Process Control

Module 8: Method Validation

Module 9: Reagent Management

Module 10: Internal Quality Control

Module 11: Proficiency/Alternative Testing

Module 12: Risk Management

Module 13: Occurrence Management

Module 14: Audit Management

Module 15: Quality Improvement – Objectives

Module 16: Quality Indicators – KPI's

Safety Management:

Module 1: General Safety

Module 2: Fire Safety

Module 3: Disaster Plan

Module 4: Infection Control and Biosafety

Module 5: Chemical Hygiene Management

Modes of Learning



Face to Face Training

- Interactive, in person sessions with industry experts.
- Personalized guidance to enhance learning.



Online Learning

- Study anytime, anywhere at your own pace.
- Access high quality resources, expert lectures, and engaging content.



Hybrid Learning

- The best of both worlds, combining online flexibility with in-person engagement.
- A balanced approach that fits your schedule while maintaining hands-on experience.

Leadership Insights

Our leadership team is committed to pushing the boundaries of education in medical and laboratory sciences.



DR. MANAR AGHA AL-NIMER,
CHAIRWOMAN OF THE BOARD

"THE ACADEMY IS MORE THAN JUST AN INSTITUTION, IT'S A MOVEMENT TOWARDS ETHICAL, SUSTAINABLE, AND TRANSFORMATIVE LEARNING IN MEDICAL SCIENCES."



DR. RUBA ABED,
ACADEMY DEAN

"OUR GOAL IS NOT JUST TO EDUCATE, BUT TO PREPARE LAB TECHNOLOGISTS AND HEALTHCARE PROFESSIONALS FOR REAL-WORLD CHALLENGES. READINESS IS THE KEY TO EXCELLENCE."

Ready to Join the Future of Medical Education?



**THE
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Whether you're looking to advance your career, explore new opportunities, or become a leader in healthcare, **The Academy by MedLabs** is where your journey begins.

Visit Us: www.theacademybymedlabs.com

Email: admin@theacademybymedlabs.com



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