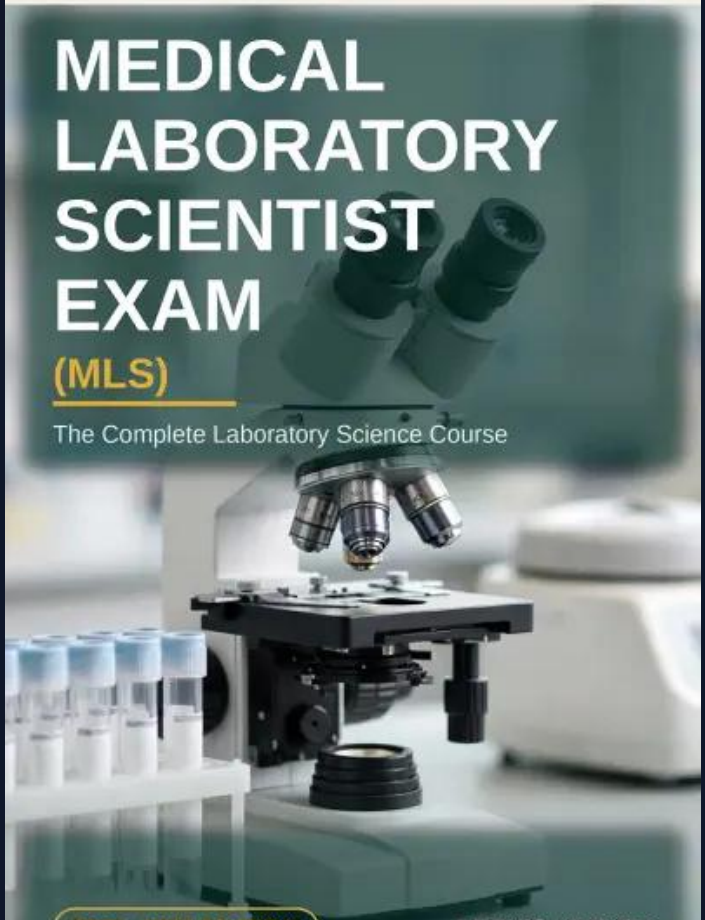
EXAM-PREP SERIES

MASTERING CAREERS & SKILLS

MEDICAL LABORATORY SCIENTIST EXAM

(MLS)

The Complete Laboratory Science Course



2026–2027 EDITION

FERAS ALZUBI

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Medical Laboratory Scientist Exam (MLS)

by **Feras Alzubi**

BOOK DESCRIPTION

About this book. Clinical Laboratory Science from Zero to Board Mastery — Foundations, All Seven Content Areas, and Laboratory Operations · Diagnostic, Chapter Quizzes, Correlation Sets, and Two Full 100-Item Timed Forms — that full scope is what this book teaches and reviews. Apparatus, stated exactly: 1,150 items, 2×100 forms. Every practice answer is explained. The book's new subtitle states the selling summary: “The Complete Laboratory Science Course — 1,150 Practice Questions, Diagnostic & 2 Full Timed Tests, Every Answer Explained”

The hospital laboratory, whole: 32 chapters · 295,786 words of teaching prose · 1,150 explained practice items · 57 labeled figures · a 635-entry glossary — and the guideline's own ranges and calculations, printed straight. This book is an independent study guide for the MLS(ASCP) certification examination of the American Society for Clinical Pathology Board of Certification (ASCP BOC). It is not published by, affiliated with, endorsed by, approved by, or recommended by the ASCP or the ASCP BOC, and neither body participated

in its creation. "MLS," "MLS(ASCP)," and "ASCP" are used nominatively only, to name the examination and the credential this book prepares you for. This book makes no promise of passing, of any score, of a credential, of a job, or of income. It prepares for the certification examination only; state licensure, where a state requires it, is a separate requirement set by that state, and is named for orientation only. The examination, in its published shape: 100 multiple-choice items in 2 hours 30 minutes, delivered by computer adaptive testing (CAT) at a Pearson testing center — four options with one best answer, answer before moving on, no skipping, flag-and-review if time remains, an onscreen calculator. Scoring is criterion-referenced and rests on the overall pattern of responses: the scaled score runs from 100 to 999 with 400 the minimum passing score, and there is no set number or percentage of correct answers that passes. This book is built on the ASCP BOC's published examination content guideline, revised July 2023 — re-verified live at production on 4 November 2026, with no material change found. The guideline's own complete reference-range tables for chemistry, hematology, and body fluids are printed in full, in conventional and SI units, exactly as the guideline publishes them; no laboratory value prints in this book unless a primary source actually read for it publishes it, and no universal critical-value table appears anywhere, because critical limits are each laboratory's own. What is inside

- The whole field from zero, then board depth — 32 chapters in ten parts: Foundations (the examination, the six U.S. routes and the MLS(ASCPi) routes, the specimen's journey, the science and the instruments from zero); Blood Banking; Urinalysis and Body Fluids; Chemistry; Hematology; Immunology; Microbiology; Laboratory Operations; the Exam Layer (the correlation method and exam craft — the CAT sitting, scoring and the 400 standard, results, retakes, repair, and the Credential Maintenance Program after certification); and Part X — Molecular Diagnostics I–II, Laboratory Operations I–III, Synthesis, and the Capstone comprehensive assessment.

AI disclosure: This book's content was generated by an AI-based tool (Muse) and reviewed, fact-checked against primary sources, and prepared for publication by Feras Alzubi.

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