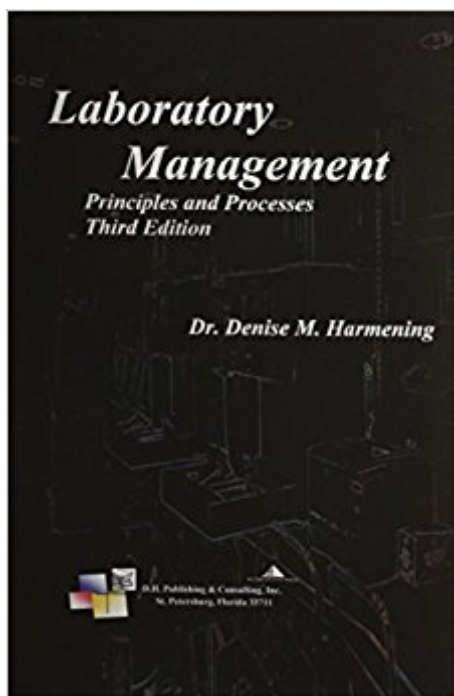


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# Laboratory Management, Principles And Processes, Third Edition



## Synopsis

Denise M. Harmening, Ph.D MT(ASCP), CLS(NCA) Redefining the standard for laboratory management, Denise Harmening, along with 31 contributors, provides insight and guidance into the principles of laboratory operations. Key features include chapter outlines, educational objectives, opening case studies, study guide questions, key terms, summary charts, and problem-based learning activities. Twenty chapters are divided into five major areas: Principles of Laboratory Management, Human Resource Management, Financial Management, Operations, and Strategies for Career Success. Unique to this book are chapters on Quality Management in the Laboratory, Education and Training, the Cost of Quality, Ethical Issues in Laboratory Management, Career Planning, and a glossary. Appropriate whether you are a student or an experienced manager, using this text for teaching or as a reference, Laboratory Management contains a thorough coverage of:

Quality Management in the Laboratory  
Organizational Structure: A Look at Concepts and Models  
Principles of Leadership: Past, Present, and Future  
Management Functions  
Managerial Decision-Making and Process Improvement  
Human Resource Guidelines and Regulations  
Job Analysis, Work Descriptions, and Work Groups  
Performance Evaluation and Development  
Education & Training: Practical Tips for Educators and Trainers  
Fundamentals of Financial Management  
Cost/ Benefit Analysis  
Effective Budgeting in the Laboratory: Practical Tips  
The Cost of Quality  
Healthcare Reimbursement Compliance Issues  
The Regulations Process  
Designs Workflow & Staffing  
Laboratory Information Systems: Flexibility Is the Key to Modernization  
Marketing Concepts  
Ethical Issues in Laboratory Management  
Career Planning & Professional Development  
A Laboratory Management CyberCourse™ is available online and includes: Chapter PowerPoints, Discussion Board Case Histories, Learning Units and Exams.

## Book Information

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## Customer Reviews

Dr. Harmening is an accomplished and experienced educator, administrator, researcher, and author. Currently, Dr. Harmening is President of D.H. Publishing & Consulting, Inc. She is also the Director of Curriculum of the SBB/MS program in Clinical Laboratory Management, and Adjunct Professor in the Department of Clinical Laboratory Science at Rush University. Dr. Harmening is a well know author and national/ international speaker. Her publications are many and include her major book titles: Clinical Hematology and Fundamentals of Hemostasis (fifth edition), Laboratory Management Principles and Processes (second edition) and Modern Blood Banking and Transfusion Practices (fifth edition). Dr. Harmening is the founding Chair of two departments: Clinical Laboratory Science at Thomas Jefferson University and the Department of Medical & Research Technology at the University of Maryland. She was professor, Chair and Assistant Dean during her tenure at the University of Maryland. In 1999 she received the Excellence in Education Award a national recognition given by the American Society for Clinical Pathology. In 2001 and 2003 she was named one of Maryland s Top 100 Women by the Daily Record in recognition for her contributions to communities in the state of Maryland. In 2008 she received the American Association of Blood Banks Sally Frank Memorial Award and Lectureship and the Massachusetts Association of Blood Banks Karen Tiegerman Memorial Lectureship Award . Many in the field of Clinical Laboratory Science Education remember Dr. Harmening s Curriculum for the 21st Century symposia started in the early 1990 s which are currently continuing with Rush as a co-sponsor. Dr. Harmening also held the position of Director of Instruction and Customer Learning, Heritage Division, the American Red Cross in 2008 and 2009. In this role she developed an on-line continuing education program for laboratory professionals and physicians called SUCCESS, a Series of Unique Consistent Continuing Education Self-Study programs She has been the principle investigator for seven grants from Health and Human Services, and has completed over 15 clinical trials. Dr. Harmening has served on numerous national, statewide, and local committees and advisory boards. Currently, she is a member of the ASCP Editorial Advisory Board: Medscape Pathology and Laboratory Medicine, but has served as Chair of the Research and Development Committee of the American Society of Clinical Pathologists Board of Registry from 1995 to 1998. Dr. Harmening was a member of the National Commission on Allied Health Implementation Task Force of the Department of Health and Human Services from 1996 to 1998. Dr. Harmening has been in

the field of Blood Banking and Transfusion Medicine for over 25 years. Her research in red cell and platelet preservation has led to seven patents. Dr. Harmening's original research dealt with the use of solid time-released buffering systems for the storage of red cells and platelets. Her current research focuses on CD34+ stem cells isolated from cord blood, and she was the first to investigate the effect of recombinant human bone morphogenetic protein-2 on untreated and CD34-selected umbilical cord blood. In the future, Dr. Harmening would like to expand and improve her current publications and venture into new areas of writing. Her philosophy in life is to live by standards and principles, maintain a positive attitude, value family and friends, surround yourself with positive, energetic people, and believe in yourself.

Very in-depth contents. Some examples were quite sophisticated. Good coverage of topics.

I was assigned this book during my internship. It is helpful and insightful to understanding the business perspective of a laboratory. It has helped to make me more aware of costs and in turn has helped to reduce the amount of personal utilization in the lab.

If you're looking to buy this, then you're probably getting it for a class. From what I've read so far, it tries to keep the topics simple and straightforward. However, I found that I do not really need the book & it's been relegated to simply support my class notes. It's a good book, however. If you think you can do without it for your class, it's very possible.

Great resource for anyone in a Medical Technology or Medical Laboratory Science Program! I would highly recommend this book!

It was a little lengthy to read. It has really good information just not as easy to read and what I hoped

Had to use this for one of my classes, and it was no easy task trying to read through it all. It's very...dry, to say the least.

Purchased for Higher learning. As described

great price

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