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• Teach students how to behave professionally in a variety of pharmacy settings.
• Feature the expertise of authors who are actively engaged in the pharmacy technician field.
• Help programs fulfill accreditation requirements.

Each text includes access to Paradigm’s Course Navigator learning management system.
Pharmacology for Technicians, Sixth Edition

Don A. Ballington, Mary M. Laughlin, and Skye A. McKennon, University of Washington School of Pharmacy

© 2017  |  682 pages

As the most in-depth pharmacology text designed specifically for pharmacy technicians, this title prepares students for a career in community, institutional, and other pharmacy settings. Students will develop a basic understanding of drug classes and the mechanisms of action for many drugs. They will also gain insight into why certain drugs are prescribed for particular disease states and obtain instruction for making informed, intelligent decisions when dispensing drugs. Includes an all-new drug guide and workbook, available in print or digitally!

New to the 6th edition!

- Section in each chapter exploring complementary and alternative therapies.
- New emphasis on professionalism and soft skills incorporated throughout.
- Integration with the Course Navigator learning management system provides quizzes, games, and flash cards.
- The Drug Guide is now available as an app! Find out more on p. 12.

CONTENTS

Unit 1. Introduction to Pharmacology
1. Evolution of Medicinal Drugs
2. Basic Concepts of Pharmacology
3. Dispensing Medications

Unit 2. Major Classes of Pharmaceutical Products I
4. Antibiotics and Antifungals
5. Therapy for Viral Infections and Immunizations
6. Anesthetics and Narcotics
7. Psychiatric and Related Drugs
8. Drugs for Central Nervous System Disorders
9. Respiratory Drugs

Unit 3. Major Classes of Pharmaceutical Products II
10. Drugs for Gastrointestinal and Related Diseases
11. Renal System Drugs
12. Drugs for Cardiovascular Diseases
13. Drugs for Muscle and Joint Diseases and Pain
14. Hormonal Disorders and Their Treatments
15. Topical, Ophthalmic, and Otic Medications

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978-0-76386-781-2

eWorkbook (code via email)
978-0-76386-784-3

Instructor resources are located on the Course Navigator.

Pharmacy Practice for Technicians, Sixth Edition

Don A. Ballington and Robert J. Anderson, Mercer University

© 2017 | 780 pages

Students receive comprehensive content on pharmacy technician practice along with coverage of business operations in a community pharmacy, professionalism and ethics in the workplace, and pharmacy careers. They will gain insight on healthcare reform, pharmacology, e-prescribing, informatics, pharmacy automation systems, medication safety initiatives, innovative drug delivery systems, and medication therapy management services.

New to the 6th edition!

- New emphasis on career opportunities and technicians’ significant role on healthcare teams.
- Two new chapters! Introduction to Pharmacology and Healthcare and Drug.
- Correlation with new accreditation standards and USP Chapters <795>, <797>, and <800> (on hazardous compounding).
- Integration with the Course Navigator learning management system provides online practice and study aids, including multiple-choice quizzes, calculation and certification-exam practice problems, flash cards and games for studying key terms, drug names and indications, and essential concepts.

CONTENTS

Unit 1. Principles of Pharmacy Practice
1. The Profession of Pharmacy
2. Pharmacy Law, Regulations, and Standards
3. Drug and Supplement Development

Unit 2. Introduction to Pharmacy Skills
4. Pharmacology
5. Routes of Administration and Dosage Formulations
6. Pharmacy Measurements and Calculations

Unit 3. Community Pharmacy Practice
7. Community Pharmacy Dispensing
8. Healthcare and Prescription Drug Insurance
9. The Business of Community Pharmacy
10. Extemporaneous, Nonsterile Compounding

Unit 4. Institutional Pharmacy Practice
11. Hospital Pharmacy Dispensing
12. Infection Control and Cleanroom Facilities
13. Sterile and Hazardous Compounding

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eBook and Course Navigator, 6-month access (codes via email) 978-0-76387-085-0

eBook and Course Navigator, 6-month access (codes via ground delivery) 978-0-76387-084-3

Instructor resources are located on the Course Navigator.

Package this title with Pharmacy Labs for Technicians, Third Edition for even more hands-on practice!
Pharmacy Labs for Technicians, Third Edition

Jason Sparks and Lisa McCartney, Austin Community College
© 2017 | 372 pages

Suitable for a stand-alone pharmacy lab course or for the lab portion of a pharmacy practice course, Pharmacy Labs for Technicians teaches students detailed lab procedures and skills using hands-on practice. Students learn both administrative and clinical procedures like filling prescriptions, compounding medications, and preparing sterile intravenous products.

New to the 3rd edition!
• All new, web-based guided NRx tutorials and live assessments (based on QS/1’s nationally recognized pharmacy management software) give students realistic practice. Available on the Course Navigator.
• Five new labs align to updated model curriculum.

CONTENTS

Unit 1. Essential Pharmacy Skills
1. Using Drug References
2. Customer Service and Processing Transactions at the Cash Register
3. Validating DEA Numbers
4. Inventory Management

Unit 2. Community Pharmacy Practice
5. Reviewing a Patient Profile
6. Reviewing a Prescription Form
7. Reviewing a Filled Prescription
8. Entering Patient Data
9. Processing a Prescription
10. Processing a Refill
11. Obtaining Refill Authorization
12. Processing Third-Party Claims
13. Verifying Cash Pricing
14. Producing an Audit Log
15. Medication Therapy Management

Unit 3. Institutional Pharmacy Practice
16. Filling a 24 Hour Medication Cart
17. Filling and Checking Floor Stock
18. Filling and Recording Narcotic Floor Stock
19. Preparing Oral Syringes
20. Charging and Refilling a Crash Cart
21. Filling an Automated Drug Storage and Dispensing System
22. Processing a Medication Order
23. Medication Reconciliation

Unit 4. Non-Sterile Extemporaneous Compounding
24. Reconstituting Powders
25. Filling Capsules
26. Preparing Suspensions from Tablets
27. Preparing Suspensions from Capsules
28. Preparing Suspension Compounds
29. Preparing Creams, Ointments, Gels, and Pastes
30. Preparing Lozenges

Unit 5. Aseptic Technique
31. Garbing According to USP Chapter <797> Standards
32. Aseptic Hand Washing
33. Hood Cleaning
34. Preparing Large-Volume Parenteral Solutions
35. Preparing Small-Volume Parenteral Solutions
36. Preparing Sterile Powder Drug Vials
37. Using Ampules

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Instructor resources are located on the Course Navigator.
Pharmacy Calculations for Technicians, Sixth Edition

Don A. Ballington and Skye A. McKennon, University of Washington School of Pharmacy

© 2017 | 350 pages

With Pharmacy Calculations for Technicians, students learn the essential mathematics concepts and skills pharmacy technicians use on the job. Clear, complete examples and practice problems guide students in learning the skills required for calculating and preparing drug doses in both community and institutional pharmacy settings. Students are guided step-by-step through calculation methods, including ratio and proportion, dimensional analysis, and alligation.

New to the 6th edition!
- Integration with the Course Navigator learning management system enhances student learning with end-of chapter exercises, student-practice and instructor-controlled assessments, PowerPoints, and additional interactive activities.

CONTENTS

1. Understanding Subdivisions of Numbers, Number Systems, Estimating, and Accuracy
2. Using Ratios, Percents, and Proportions
3. Developing Literacy Skills
4. Applying Metric Measurements and Calculating Doses
5. Using Household Measure in Pharmacy Calculations
6. Preparing Injectable Medications
7. Preparing Intravenous Medications
8. Using Special Calculations in Compounding
9. Using Business Math in the Pharmacy
10. Understanding the Apothecary System

Appendix A. Answers to Problem Sets
Appendix B. Additional Practice with Fractions and Percents
Appendix C. Additional Practice with Compounding
Appendix D. Measures and Conversions

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eBook and Course Navigator, 6-month access (codes via email) 978-0-76387-079-9

eBook and Course Navigator, 6-month access (codes via ground delivery) 978-0-76387-078-2

Instructor resources are located on the Course Navigator.
This textbook aligns with the nine knowledge domains identified by the national Pharmacy Technician Certification Board (PTCB) in developing the blueprint for the new Pharmacy Technician Certification Exam (PTCE). Students learn study and test-preparation tactics and tips for passing a high-stakes exam.

New to the 4th edition!

- Integration with the Course Navigator learning management system for access to:
  - A 90-question pretest and a 50-question calculations test on weights and measures, dosages, dilution, and more.
  - A 25-question pharmacology test that covers brand and generic drugs, reactions and interactions, auxiliary labeling, OTC medications, and dietary supplements.
  - Skills Quizzes for each chapter.

CONTENTS

1. The Importance of Certification and Taking a High-Stakes Test
2. Pharmacy Calculations and Measurements
3. Pharmacology for Technicians
4. Pharmacy Law and Regulation
5. Nonsterile, Sterile, and Hazardous Compounding
6. Medication Safety and Ethics
7. Pharmacy Quality Assurance
8. Medication Order and Entry Process
9. Pharmacy Inventory Management
10. Pharmacy Billing and Reimbursement
11. Pharmacy Information System Usage and Application

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Instructor resources are located on the Course Navigator.
This text trains students in aseptic technique and its real-world applications in a sterile compounding facility. By combining the concepts foundation of a text and the skills practice of a training manual, students will learn concepts and procedures for preparing common parenteral products through clear, step-by-step instructions and brief video demonstrations of all procedural labs.

**Sterile Compounding and Aseptic Technique:**
- Aligns to USP Chapter <797> guidelines.
- Bundled with brief videos to help students visualize procedures for all sterile compounding tasks and pass process validation checklists.
- Prepares students to earn ACPE certification!

**CONTENTS**

**Unit 1. Exploring the Basics of Sterile Compounding**
1. Sterile Compounding as a Pharmacy Technician
2. The Sterile Compounding Environment
3. Sterile Compounding Supplies
4. Medication Orders and Labeling
5. Calculations for Sterile Compounding

**Unit 2. Compounding Sterile Preparations**
6. Aseptic Garbing, Hand Washing, and Gloving
7. Cleaning the Horizontal Laminar Airflow Hood
8. Large-Volume Parenteral Preparations
9. Small-Volume Parenteral Preparations
10. Ampule-Based Preparations
11. Narcotic Preparations
12. Pediatric Preparations
13. Total Parenteral Nutrition
14. Chemotherapy Products and Procedures

**Appendix A.** Student Answer Key for Concepts Self-Check
**Appendix B.** Useful Reference Tables
**Appendix C.** Resources for Chemotherapy Compounding
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- Text with Student Resources DVD 978-0-76384-083-9
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**INSTRUCTOR RESOURCES**

- Instructor’s Guide with ExamView® Assessment Suite (print and DVD) 978-0-76384-085-3
Paradigm’s all-new Pocket Drug Guide is now available in 3 formats.

Choose the one that works best for your students.

An ideal tool for students enrolled in health career courses, the Pocket Drug Guide provides students with a quick, convenient reference for learning generic and brand name drugs and terms. A full glossary allows students to search by generic or brand name or by common use.

Available in print or as an eBook, the Pocket Drug Guide identifies nearly 1,000 drugs and terms.

Paradigm’s Health Career Drugs and Terms App identifies more than 3,000 drugs and terms. Students are able to:

- Search the terms database by drug class or body system.
- Use flashcards included in the app to review Schedule II drug classes and common medical terminology.
- Create their own flashcards to practice identifying drugs and terms.

This app also offers audio functionality to help students master pronunciation.

---

1. **In print!**
   - **Pocket Drug Guide**
     - © 2017 | 100 pages

2. **Get the app!**
   - Available for purchase from iTunes and Google Play for only $5.95!

3. **eBook on the Paradigm Bookshelf**

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- Text with Study Partner CD 978-0-7638-5217-7
- Instructor resources are located at www.ParadigmCollege.net/ExamReview3e
Paradigm’s Health Information Technology Series prepares students for success in the rapidly growing healthcare field.

Comprehensive texts and digital solutions help students learn the skills they need to pass certification exams and get the job.

The HIT Series offers:

- Engaging design, and accurate and approachable content.
- Clear, concise learning objectives.
- Real-life practice with authentic documents and forms.
- Ethics and critical-thinking skills.
- Job and career-readiness skills.

Robust hands-on application with the Course Navigator:

- Strengthens your students’ understanding of core HIT content through quizzes, interactive tutorials, live assessments, flash cards, and more.
- Allows instructors to assess student work, track progress, and download results!
Exploring Electronic Health Records

Darline Foltz, University of Cincinnati–Clermont College, and Karen Lankisch, University of Cincinnati–Clermont College

© 2015 | 464 pages

This up-to-date, accurate, and approachable text teaches students about electronic health records across a variety of delivery systems, making it ideal for all allied health students, regardless of their career focus. To meet the needs of different types of learners, the text includes a wealth of images and figures, plus hands-on exercises such as presentations, web research, and more.

This text includes access to the Course Navigator learning management system, and its EHR Navigator software, which provides students the experience of documenting in an authentic electronic health record.

CONTENTS

1. Overview of Electronic Health Records
2. Content of the Health Record
3. Introduction to Electronic Health Record Software
4. Administrative Management
5. Scheduling and Patient Management
6. Privacy and Security of Health Information
7. HIM Roles and Functions in the EHR Environment
8. Clinical Inputs and Outputs
9. Coding, Billing, and Reimbursement
10. Clinical Decision Support Systems and Quality Improvement
11. The Personal Health Record and the Patient Portal
12. Implementation and Evaluation of an EHR System

Appendix A. Checkpoint Answer Key
Appendix B. Sample Paper Medical Record

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EHR Navigator—via the Course Navigator—offers practice in a replicated EHR system through unlimited inpatient, outpatient, and personal health records activities.

- Schedule patient appointments.
- Edit patient records—demographic, insurance and clinical information.
- Release documents—history, physicals, discharge summaries, and more.
- Pull reports—practice for various HIM positions.
- Available with Exploring Electronic Health Records and Introduction to Health Information Management.
- Strengthen your students' understanding of core HIT through content quizzes, interactive tutorials, live assessments, flash cards, and more.
- Instructors can assess student work, track progress, and download results!

Students can release documents such as history and physicals, discharge summaries, lab reports, and medication reconciliation reports to requesting facilities.

The reporting function allows students to practice playing the roles of various HIM positions by pulling specific reports that are accessible to each particular role.
Introduction to Health Information Management

Sue Biedermann, Texas State University, and Donna Olson, Collin College

© 2015 | 432 pages

Introduction to Health Information Management teaches students about HIM roles and responsibilities in both outpatient and inpatient facilities and within a variety of healthcare delivery systems, including home healthcare, long-term, rehabilitative, and behavioral care facilities. Students gain fundamental knowledge about the history of HIM, professionalism and ethics, hot topics in health care, and more. This title:

- Poses real-world scenarios students are likely to encounter in the workplace, which prepares students for careers, develops students’ critical-thinking skills, and presents opportunities for class discussion.
- Includes access to the Course Navigator learning management system, and its EHR Navigator software, which provides students with the experience of documenting in an authentic electronic health record.

CONTENTS

1. Introduction to Health Information Management
2. Healthcare Organizations
3. Hospital Organization and the Medical Staff
4. Health Record Purpose and Components
5. Health Record Organization and Storage
6. Information Technology in Health Care
7. Electronic Health Records
8. Legal Aspects of Health Information Management
9. Classification Systems and Reimbursement
10. Healthcare Statistics
11. Quality Management and Data Collection
12. Management
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Appendix B. Glossary
Appendix C. AHIMA Code of Ethics: Principles and Guidelines
Appendix D. Sample Medical Forms

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INSTRUCTOR RESOURCES

Instructor eResources (code via email) 978-0-76386-096-7
Deciphering Procedural Coding 2016

Ruth A. Berger, Chippewa Valley Technical College, and Sharon Y. McBride

© 2017 | 815 pages

This up-to-date, in-depth, and engaging text gives students the information and skills they need to understand Current Procedural Terminology (CPT®) coding. Clear and concise anatomy and physiology examples and practice coding exercises guide students in learning the skills required to become a CPT® coder.

- This text includes access to the Course Navigator, a web-based learning management system that helps students strengthen their understanding of core content through flash cards, activities, games and assessments.

Deciphering Procedural Coding 2015

Ruth A. Berger and Sharon Y. McBride
© 2016 | 815 pages

CONTENTS

Unit 1.
1. Introduction to Coding
2. Getting to Know CPT®
3. HCPCS Coding
4. Principles of Coding and the Use of Modifiers
5. Using the Health Record to Report Codes

Unit 2.
6. Evaluation and Management Services Coding
7. Anesthesia Coding
8. Introduction to Surgery Coding
9. Surgery Coding: Integumentary System
10. Surgery Coding: Musculoskeletal System
11. Surgery Coding: Respiratory System
12. Surgery Coding: Cardiovascular System
13. Surgery Coding: Digestive System
14. Surgery Coding: Urinary System
15. Surgery Coding: Male and Female Genital Systems, Reproductive System Procedures, Intersex Surgery, Maternity Care and Delivery, and Endocrine System
16. Surgery Coding: Nervous System
17. Surgery Coding: Eye and Ocular Adnexa and Auditory System
18. Radiology Coding
19. Pathology and Laboratory Coding
20. Medicine Coding

Unit 3.
21. Reimbursement
22. Healthcare Compliance

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Instructor resources are located on the Course Navigator.
Three new Allied Health offerings teach your students essential content for career readiness.

With the most up-to-date content and comprehensive coverage, Paradigm’s allied health titles provide your students the skills required for successful careers in healthcare.
Medical Terminology: Connecting Through Language

Ebony S. Lawrence

© 2017 | 700 pages

Paradigm’s new medical terminology program provides the tools healthcare professionals need to use medical terminology accurately and effectively. Healthcare professionals must be familiar with human anatomy and physiology and be able to convey information to multiple parties, including colleagues, healthcare providers, and patients. This title:

- Provides students thorough coverage of terminology related to anatomy and physiology.
- Delivers essential information in an easy and digestible format.
- Pairs with the Course Navigator learning management system for additional opportunities to master chapter content, including end-of-chapter exercises, glossary of key terms with audio pronunciations, games, pronunciation coach, and additional activities.

CONTENTS

1. Word Structures
2. Body Organization and Healthcare Terminology
3. The Integumentary System
4. The Musculoskeletal System
5. The Nervous System
6. The Special Senses
7. The Respiratory System
8. The Cardiovascular System
9. Hematology
10. The Lymphatic System
11. The Digestive System
12. The Urinary System
13. The Endocrine System
14. The Male Reproductive System
15. The Female Reproductive System
16. Pregnancy, Birth, and Postpartum

STUDENT COURSEWARE

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Instructor resources are located on the Course Navigator.

Engaging activities allow students to interact with 3D BioDigital™ Human.
Pharmacology Essentials for Allied Health

Jennifer Danielson, University of Washington School of Pharmacy; Jill Marquis, Strategic Pharmacy Innovations; and Skye A. McKennon, University of Washington School of Pharmacy

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Pharmacology Essentials for Allied Health covers the full range of pharmacology concepts at the need-to-know level. Textbook content is organized in 10 units and by major body systems to help students understand the connections between particular body systems and drug therapy. This title:

• Teaches students about the major diseases and disorders that originate in or affect body systems, along with the specific drug therapies used in their treatments.
• Provides access to the Course Navigator, a web-based learning management system that helps students strengthen their understanding of core content through a variety of activities, including a glossary of key terms with audio pronunciations, case studies, games, assessments, and more.

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