Idaho CTE

Pharmacy Technician (2024)

CONTENT STANDARD 1.0: PROFESSIONAL ORGANIZATIONS AND LEADERSHIP 1

1.1 Performance Standard 1.1: Student Leadership in Career Technical Student Organizations (CTSO) and Professional Associations 1.1

- 1.1.1 Explore the role of professional organizations and/or associations in the pharmacy services industry. 1.1.1
- 1.1.2 Define the value, role, and opportunities provided through career technical student organizations. 1.1.2
- 1.1.3 Engage in career exploration and leadership development. 1.1.3

CONTENT STANDARD 2.0: PHARMACY TECHNICIAN 2

2.1 Performance Standard 2.1: Roles and Services 2.1

- 2.1.1 Describe the role of the pharmacist. 2.1.1
- 2.1.2 Describe the traditional and the advanced role of the pharmacy technician. 2.1.2
- 2.1.3 Identify the role of the prescriber. 2.1.3
- 2.1.4 Describe the prescription cycle. 2.1.4
- 2.1.5 Compare types of pharmacies and other pharmacy services. 2.1.5
- 2.1.6 Describe wellness programs offered through pharmacies. 2.1.6

CONTENT STANDARD 3.0: LEGAL AND ETHICAL RESPONSIBILITIES 3

3.1 Performance Standard 3.1: Duties According to Regulations, Policies, and Laws 3.1

- 3.1.1 Describe the Idaho State Board of Pharmacy Code and Administrative Rules and its function for pharmacy technicians. 3.1.1
- 3.1.2 Describe the requirements for pharmacy recordkeeping. 3.1.2
- 3.1.3 Summarize timelines regarding federal laws. 3.1.3
- 3.1.4 Compare pharmacy professionals' licensure, certification, registration, and legislated scope of practice. 3.1.4
- 3.1.5 Describe the Health Information Portability Accountability Act (HIPAA) and its function. 3.1.5
- 3.1.6 Describe the Health Information Technology for Economic and Clinical Health Act (HITECH) and its function. 3.1.6
- 3.1.7 Identify the Drug Enforcement Administration (DEA) Code of Federal Regulations (number validation) and its function. 3.1.7
- 3.1.8 Describe the role of the Food and Drug Administration (FDA). 3.1.8

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3.1.9 Describe the related guidelines of the Occupational Safety and Health Administration (OSHA) and safety data sheets (SDS) and their functions. 3.1.9

3.1.10 Distinguish between PTCB and NHA certifying bodies in the pharmacy industry. 3.1.10

3.1.11 Describe continuing education and training requirements for certification and renewal. 3.1.11

3.1.12 Describe the process of identifying and reporting theft within the pharmacy (DEA Form 106). 3.1.12

3.2 Performance Standard 3.2: Professional Standards and Interpersonal Skills 3.2

3.2.1 Identify the personal traits and attitudes of effective pharmacy team members. 3.2.1

3.2.2 Describe the chain of command in a pharmacy setting. 3.2.2

3.2.3 Demonstrate professional standards of pharmacy workers as they apply to hygiene, dress, language, confidentiality, ethical and respectful behavior, and substance and alcohol use and abuse. 3.2.3

3.2.4 Describe drug diversion. 3.2.4

3.2.5 Describe the implications of personal and professional social media use regarding employment. 3.2.5

CONTENT STANDARD 4.0: PROCESSING AND HANDLING OF MEDICATION AND MEDICATION ORDERS/PRESCRIPTIONS 4

4.1 Performance Standard 4.1: Prescription Analysis 4.1

4.1.1 Describe the differences between a prescription and a medication order. 4.1.1

4.1.2 Interpret a prescription. 4.1.2

4.1.3 Interpret a medication order. 4.1.3

4.2 Performance Standard 4.2: Assisting the Pharmacist 4.2

4.2.1 Input pharmacy data (e.g., patient and insurance profile, prescriptions) using technology. 4.2.1

4.2.2 Demonstrate knowledge of the prescription refill process. 4.2.2

4.2.3 Identify the patient's need for pharmacy counseling. 4.2.3

4.2.4 Describe medication monitoring programs. 4.2.4

4.2.5 Describe a pharmacy technician's role in an audit. 4.2.5

4.3 Performance Standard 4.3: Special Pharmacy Operations 4.3

4.3.1 Describe the phases of investigational drugs in clinical trials. 4.3.1

4.3.2 Identify drugs categorized under Risk Evaluation Mitigation Strategies (REMS) and the reasons for that categorization. 4.3.2

4.3.3 Describe the safe handling of all pharmaceutical hazardous materials and waste. 4.3.3

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- 5.1.1 Describe universal precautions for sterile compounding. 5.1.1
- 5.1.2 Describe United States Pharmacopeia (USP) Guidelines 797 and 800 and their functions. 5.1.2
- 5.1.3 Identify the required ingredients for a compounded sterile product. 5.1.3
- 5.1.4 Identify the equipment and technology used in sterile compounding. 5.1.4
- 5.1.5 Demonstrate the processes and procedures of sterile compounding. 5.1.5

5.2 Performance Standard 5.2: Non-Sterile Compounding 5.2

- 5.2.1 Describe universal precautions for non-sterile compounding. 5.2.1
- 5.2.2 Describe USP Guideline 795 and its function. 5.2.2
- 5.2.3 Identify the required ingredients for a compounded non-sterile product. 5.2.3
- 5.2.4 Identify the equipment and technology used in non-sterile compounding. 5.2.4
- 5.2.5 Demonstrate the processes and procedures of non-sterile compounding. 5.2.5

CONTENT STANDARD 6.0: PROCUREMENT, BILLING, REIMBURSEMENT, AND INVENTORY MANAGEMENT 6

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- 6.1.1 Define the term third party. 6.1.1
- 6.1.2 Define the terminology used in insurance billing (e.g., prior authorizations, deductible, double billing) when supplies are billed as durable medical equipment. 6.1.2
- 6.1.3 Describe the fields on an insurance card. 6.1.3
- 6.1.4 Describe pharmacy reimbursement plans. 6.1.4
- 6.1.5 Describe third-party rejections and the reasons they occur. 6.1.5

6.2 Performance Standard 6.2: Purchasing Pharmaceuticals 6.2

- 6.2.1 Describe various procedures in purchasing pharmaceuticals. 6.2.1
- 6.2.2 Describe controlled substance ordering systems (DEA Form 222). 6.2.2
- 6.2.3 Describe the ordering system and the technology applied. 6.2.3

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- 6.3.1 Differentiate inventory control systems for various drug classifications. 6.3.1
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- 6.3.3 Describe the three classes of drug recalls. 6.3.3
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6.4.1 Demonstrate point of sale (POS) transactions for diverse populations. 6.4.1

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7.1.3 Describe the roles of the Institute for Safe Medical Practices (ISMP), the Medical Error Reporting Program (MERP), and The Joint Commission (TJC). 7.1.3

7.2 Performance Standard 7.2: Medication Safety 7.2

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7.2.2 Identify high-alert/high-risk medications. 7.2.2

7.2.3 Identify other common safety strategies for medications (e.g., cross-contamination, TallMan Lettering). 7.2.3

7.2.4 Describe the Tech-Check-Tech (TCT) program and its purpose. 7.2.4

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8.1.4 Describe reliable drug information resources and their purposes (e.g., Orange Book). 8.1.4

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9.2.4 Identify devices and durable medical equipment (DME). 9.2.4

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10.1.1 Convert between measurement systems (e.g., temperature conversions, conversions from household to metric). 10.1.1

10.1.2 Calculate ratios and proportions (i.e., dimensional analysis) for compounding sterile and non-sterile products. 10.1.2

10.1.3 Calculate drug concentrations as weight/weight, weight/volume, and volume/volume. 10.1.3

10.1.4 Calculate dosages based on age, weight, body surface area, and drip rates. 10.1.4

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11.1.3 Describe reporting agencies (e.g., MedWatch, Poison Control, pharmaceutical manufacturer, FDA Hotline) and their functions. 11.1.3