PHRA 1445 INTRAVENOUS ADMIXTURE AND STERILE COMPOUNDING

Syllabus Spring 2011
Vernon Sandoval Jr. CPhT.

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T&R 9:30 – 11:10 AM

Office Hours: TBD or by appointment. If you have any questions or concerns, please talk to me before or after class or call for an appointment.

Credit Hours: 4

Course Description: A study of sterile products, legal and regulatory guidelines, hand washing techniques, pharmaceutical calculations, references, safety techniques, aseptic techniques in parenteral compounding, proper use of equipment, preparation of sterile products, and safe handling of antineoplastic drugs.

Course Objectives: Employ pharmaceutical/medical terms, abbreviations, and symbols commonly used in sterile product compounding; demonstrate procedures and techniques relating to aseptic compounding and parenteral admixture operations; and perform the calculations required for the usual dosage determinations and solution preparations.


Pharmacy Labs for Technicians ISBN: 978-0-76383-486-9 Paradigm

Grading: Grades will be determined in the following manner

Grading Scale:
A = 90-100
B = 80-89
C = 75-79
D = 60-74
F = Below 60
A final grade of 75 is needed to pass the course.

Lecture Exams: Each exam will cover lecture in class and textbook information. Final will be Comprehensive. Exams will be in multiple choice format. Be sure to bring a scantron and two pencils to each exam. No programmable calculators can be used during any of the exams. Instructor reserves the right to reschedule exam.

Make Up Policy: If time permits and not conflicting with any other class obligation a make up will be allowed on only one exam and one quiz for lab. Each missed exam and quiz after will be awarded a zero.
**Attendance:** Attendance is required! Attendance will be taken at every lecture and lab meeting. If absences exceed three (3) during the semester the student will lose one (1) letter grade for each additional absence unless there are documented medical or other emergencies. A student who is five (5) minutes late is considered tardy. Three (3) tardies constitute one absence. If the student is absent, the student is responsible for contacting the instructor to obtain any assignments or handouts. Attendance is not only essential for success in program but also in developing professionalism. In short, DON’T BE LATE OR ABSENT! Life altering events will be taken into consideration on a case by case basis.

Cell phones should be turned off during class and lab. If you must take a call, leave the class but you are responsible for material that you miss. ABSOLUTELY NO TEXTING DURING CLASS! If you are caught texting during class you will be excused from the class for the day. If you are caught texting during an exam or quiz you will be awarded a zero.

**Sexual harassment:** see student handbook pg. 7

**ADA Statement:** No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the College District, or be subjected to discrimination by the College District. Nor shall the College District exclude or otherwise deny equal services, programs, or activities to an individual because of the known disability of an individual with whom the individual is known to have a relationship or association. 42 U.S.C. 12132; 28 CFR 35.130(g)

**Academic Dishonesty:** Each student is charged with notice and knowledge of the contents and provisions of Coastal Bend College’s rules and regulations concerning student conduct. All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Board policies. Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion. (See the Student Handbook for further explanation of Scholastic Dishonesty.)
**Lecture schedule**

Week of Jan. 17\textsuperscript{th} Ch. 1 Introduction to Sterile Products

Week of Jan. 23\textsuperscript{rd} Ch. 1 Introduction to Sterile Products

Week of Jan. 30\textsuperscript{th} Ch. 2 USP, Compounding Areas, and Equipment

Week of Feb. 6\textsuperscript{th} Ch. 3 Aseptic Calculations \textbf{EXAM 1}

Week of Feb 13\textsuperscript{rd} Ch. 4 Properties of Sterile Products

Week of Feb. 20\textsuperscript{th} Ch. 5 Aseptic Technique

Week of Feb. 27\textsuperscript{th} Ch. 6 Sterile Product Preparations \textbf{EXAM 2}

Week of Mar. 5\textsuperscript{th} Ch. 7 Total Parenteral Nutrition (TPN)

\textbf{*SPRING BREAK* March 12\textsuperscript{th} – 16\textsuperscript{th}}

Week of Mar. 19\textsuperscript{th} Ch. 8 Chemotherapy \textbf{EXAM 3}

Week of Mar. 26\textsuperscript{th} Ch. 9 Quality Control and Assurance

Week of Apr. 2\textsuperscript{nd} \textbf{EXAM 4}

Week of Apr. 10\textsuperscript{th} Off campus assignment

\textbf{*FINALS* May 8\textsuperscript{th} – 10\textsuperscript{th}}

**Lab Schedule**

Week of Jan. 23\textsuperscript{rd} Lab 11 Quiz 1

Week of Jan. 30\textsuperscript{th} Lab 12 Quiz 2

Week of Feb. 6\textsuperscript{th} Lab 13 Quiz 3

Week of Feb. 13\textsuperscript{th} Lab 26 Quiz 4

Week of Feb. 20\textsuperscript{th} Lab 27 Quiz 5
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