



DHYG 229 Pharmacology Section Name Section Credit Hours Credits
Syllabus

Course Information

Meeting times and location: section meeting_times section location

Catalog description: A study of the pharmacological aspects of drugs and drug groups with which the dentist and dental hygienist are directly and indirectly concerned. Emphasis is placed on nomenclature, origin, physical and chemical properties, modes of administration, interactions and effects upon the body systems.

Prerequisites: DHYG-221 and DHYG-225 Take DHYG-233, DHYG-234, DHYG-235 and DHYG-237

Terms offered: Fall Only

Section-specific Course Description:

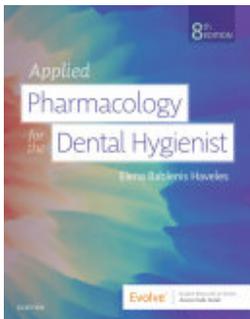
Course Level Objectives

Upon successful completion of the course, the student will be able to...

1. Identify the uses, actions, and contraindications of drugs commonly taken by patients as evidenced by a 75% or higher accuracy on learning assessments.
2. Describe the prevention of drug interactions, medical emergency interventions, oral manifestations associated with drug use, and implications of alcohol and drug abuse.
3. Incorporate their knowledge of oral side effects from medication used in the management of the patient's dental health.
4. Demonstrate pharmacological terminology, list sources of drug information, and identify regulating agencies and rules related to pharmacology and prescription writing.
5. Describe general principles of pharmacology to include basic mechanisms—physiological and biochemical—through which different drug forms exert their actions.
6. Identify factors involved in the absorption, disposition, metabolism and excretion of drugs.

7. Discuss the therapeutic applications of drugs, including methods of administration, the effects of drugs altered by variables and drug interactions that alter drug effects clinically.
8. Identify actions of drugs which could alter dental treatment, discuss the systemic diseases which require their use, either directly or indirectly and possible oral manifestations associated with drug use.
9. Explain adverse reactions, general methods of toxicity prevention, and medical emergencies that may occur in dental practice.
10. Describe the implications of alcohol and drug abuse to dental practice.
11. Apply the general principles of pharmacology to the use of various drugs used in dentistry.

Required Texts and/or Materials



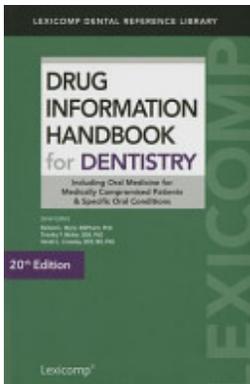
Applied Pharmacology for the Dental Hygienist E-Book

9780323595094

Elena Bablenis Haveles

Elsevier Health Sciences

2018-12-20



Drug Information Handbook for Dentistry

9781591953340

Richard L. Wynn

Lexi-Comp

2014-06-01

Required Technology and Software

- Canvas
- Chrome, Safari, or Firefox

Technical Support

Technical support is available through the San Juan College Help Desk 24/7/365. The help desk can be reached at 505-566-3266 or by creating a ticket at [San Juan College Help Desk](#).

For password reset and Canvas support, visit the [Student Technology Guide](#) website.

Accessibility/Privacy Policies for all Technology Tools Used

[Accessibility/Privacy Policies for all Technology Tools Used](#)

Course Requirements

Students will do the following activities:

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Reading Assignments

Lab Activities

Participation in the lab activities is required. If you miss a lab, it will have to be made up at the instructor's discretion.

Healthy and Safe Practices for Being on Campus

We want a healthy and safe campus for students, faculty, staff, and guests.

Contagious diseases and your responsibility:

If you have COVID-19 symptoms, fever, flu or even the common cold, you should stay home. Do not come to campus if you are feeling sick. Contact your instructor about missing class (and review your instructor's policies on missed or late work). Being sick does not necessarily excuse you from completing your work on time.

Safety on campus and your responsibility:

If you are on campus and experience or witness an emergency, call 9-1-1 first and then the Department of Public Safety at 505-566-3333 (or just 3333 if calling from a campus phone).

When you are on campus, be aware of your surroundings. If you need an escort to your vehicle, call 505-566-4444 (DPS non-emergency line) or 505-215-3091 (officer on duty line).

The College will send information for campus emergencies through SJC AlertAware, email and the webpage. Stay informed and stay safe.

Student Support

At San Juan College, we are committed to supporting your academic success and overall well-being. We recognize that college life can be challenging and stressful, impacting both learning and personal health. We are here to help you succeed.

Academic Support and Resources

We provide a range of academic support services to help you stay on track on your educational journey. Free resources include tutoring, computer loans, life skills workshops, and so much more. Visit the [Academic Support and Resources](#) webpage to learn more about support and resources available through Academic Advising, the Tutoring Center, the Student Resource Center (formerly Student Achievement Center) and the Testing Center.

Student Support and Resources

If you or someone you know could benefit from counseling, accessibility services, career exploration, veteran transitional assistance, or any of our other support services, visit the [Student Support and Resources](#) webpage where you'll find detailed information about various resources available to you as an SJC student.

We encourage you to take advantage of these free resources to enhance your college experience and ensure your success.

Participation and Attendance Policy

Regular attendance is important for success. Students are expected to attend class, and to notify instructors if they will be absent. In some cases, arrangements for late work may be made however full credit may not be given for late work missed due to absence.

Students are expected to actively participate in class.

Other Classroom Policies and Expectations

- **Make-Up Policy:** If a major examination is missed, it is the student's responsibility to make arrangements with the instructor and schedule a Make-Up Examination. The Make-Up Exam will be different from the one given to the other students and may be oral, written, or a combination of both. A student will not be allowed to make up quizzes (a zero will be given for each missed quiz).
- **Professional Policy:** All students are expected to participate in an active and productive manner which enhances learning for all in the classroom and clinical settings. Students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements. Professional language and demeanor are expected at all times.
- **Academic Dishonesty:** Unethical and unprofessional activities will not be tolerated. Refer to the Dental Hygiene Student Handbook and the SJC Catalogue for more information.
- **Student Grievance Procedure:** Policies regarding Student Grievance can be found in the SJC Course Catalog. A student who has a problem with the course or the course instructor should make every attempt to resolve the problem with the course instructor first. If the issue remains unresolved, the student should then discuss their concerns with the Dental Program Director. If the response is not adequate to the student, the student should then follow the outlined SJC policy for Student Grievance.

Canvas Participation and Expectations

Students are expected to monitor their own progress in Canvas and participate in all online discussion boards.

Distance Education Policy

Distance Education Policy

New technologies allow for the delivery of education in a multitude of different formats. Many of these may involve distance education in which instruction to students may be delivered while separated from the instructor, either synchronously or asynchronously. This may include technologies such as the CANVAS learning management system, use of email correspondence, and the internet and audio/video conferencing. In light of these ever changing technologies, the following are expectations of student behavior with regard to distance education;

Academic Honesty

The standards and requirements of academic honesty and integrity apply to all Dental Hygiene Students whether engaged in or utilizing distance-education or not. Any required work submitted by the student must be their own. This applies to any course within the Dental Hygiene curriculum.

Safeguards

San Juan College has ensured that safeguards are in place with regard to student login and passcode access to the CANVAS learning management system. Distance education within the Dental hygiene Program curriculum will therefore utilize this learning management system. In order to protect student privacy, students shall not share such log-in and passcode information.

Tuition & Fees

There are no additional student charges associated with the utilization of distance education within the Dental Hygiene curriculum and/or with the verification of student identity at the time of registration or enrollment.

Instructor Response Times & Regular Interaction Expectations

Emails are responded to daily during the week, weekend emails may not be responded to until the next business day. Exams are usually graded and posted within the week. In some cases, it may take up to two weeks.

Course Time Commitment

This course will require 6-9 hours per week of reading and studying outside of class.

Grading

Weighting for final grades.

Category	Weight
10 Pop Quizzes	10
4 Major Exams	60
Comprehensive Final	20
1 Top 100 Exam	10

Grade	Weight
A	90-100%
B	80-89%
C	75-79%
D	60-75%**
F	Below 60%**

** A final grade below a "C" (75%) constitutes dismissal from the Dental Hygiene Program.

A dental hygienist must exhibit professionalism through the application of a professional code of ethics. Unprofessional conduct will be reflected in the grade and may be grounds for dismissal. Refer to Clinic Manual for further information.

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

Exact schedule with due dates will be determined by instructor. See Course Requirements for general information on assignment expectations.

College Policies and Resources for Current Students

The [Student Handbook](#) provides information on student support, student organizations, and student conduct policies at San Juan College.

The San Juan College catalog outlines the [Academic Policies](#) students need to know.

Inclement Weather Information

Students will receive notification of class delays and cancellations due to inclement weather via the SJC AlertAware and SJC student email. Face-to-face classes will not meet in person; however, students are advised to check with instructors about alternative meeting options, as some may choose to meet via zoom. Hybrid classes will meet as scheduled via zoom. For questions regarding your class delay or cancelation, please contact your instructor.

Program Handbook

The Dental Hygiene Student Handbook can be found on the Canvas course Important Information - The Cutting Edge

Online Course Fee

Online Courses - San Juan College requires all online courses to include some form of assessment to demonstrate the mastery of course objectives. This could include exams, capstone projects, e-portfolios, presentations, final papers or other appropriate assessments. The use of a proctoring platform, plagiarism detection software or other method to ensure that assessments are completed by the enrolled student is required.

A course fee of \$5.00 is assessed for all online courses at San Juan College to cover the cost of the above services. Students who are required to take a proctored exam and choose to use a physical testing center outside the SJC Testing Center or SJC Disability Services will be responsible for the cost of using that center.