



Dental Pharmacology

DHY121.I1.SP2021

Number of Credits: 2 (13 weeks)

Days Class Meets: Fridays (dates listed)

Meeting Times: 11:00 am

Location/Venue: online

Instructor: Stephanie Moor, RDH, BS

Contact Phone: 517-398-0856

Contact Email: moorstephanj@jccmi.edu

Online Office Hours: by appointment

Course Description

Classifications and varieties of drugs, pharmacologic effects, adverse reactions, usual indications and contraindications. Discussion of drugs utilized to treat common diseases. Pharmacokinetics of local and general anesthetic agents and their use.

Prerequisite(s)

Prerequisites: DHY 111, 112, 113, 114

Co-requisites: DHY 104, 114, 115, 111

Course Goals

1. Evaluate the human physiology and importance of drug safety and use in the dental practice.
2. Compare the classifications and varieties of drugs, pharmacologic effects, adverse reactions, usual indications and contraindications.
3. Formulate a healthy and ethical perspective for drug usage in dental procedures.

Course Objectives

Associated Program Competences with Evaluation Methods:

- 3.2:** Provide quality, safe and comfortable dental hygiene care for clients with special needs and those from diverse cultural backgrounds. (Exam, Case Studies)
- 5.1:** Use critical decision-making skills to analyze and interpret the assessment data to formulate an accurate dental hygiene diagnosis. (Exam, Case Studies)

Textbook (chose appropriate options below)

Textbook

Applied Pharmacology for the Dental Hygienist, Eighth Edition. Elena Bablenis Haveles. Elsevier, 2020 ISBN: 978-0-323-59539-1

- **Text Book Zero!** This text is available in a digital format. Please see the links posted on our class Jet Net site. This text is available to rent or purchase in digital format through the JC Bookstore.

If you have questions about materials, please contact the Jackson College Follett bookstore at jackson@bkstr.com. For account billing questions, please contact the Jackson College Cashier at jccashier@jccmi.edu.

Class Starts On:	Opt Out Date:
May 10, 2021	May 13, 2021
May 24, 2021	May 27, 2021
June 7, 2021	June 10, 2021
June 15, 2021	June 18, 2021
June 21, 2021	June 24, 2021
June 28, 2021	July 1, 2021
July 6, 2021	July 9, 2021

Extras

NA

Grading Procedure

Students must successfully demonstrate skills learned in this course and receive a grade of 75% (2.0) or higher to progress in the Dental Hygiene Program.

COURSE LEARNING EXPERIENCES:

Exams x4 @ 50 points	200
Comprehensive Final (75 points)	75
chapter questions and/or discussion forum 145	
Case Study Assignment	25
Total Points:	445

COURSE REQUIREMENTS:

Weekly assignments/Chapter questions and/or discussion forums (11 @ 10 points each and discussion forums 7 @ 5 points each= 145)

Each week JetNet will have posted (by Monday occasionally the Saturday before) an assignment **MAY BE DUE ON WEDNESDAY OR FRIDAY OF THE same week**, instructions detailing the assignment will be posted. There will be narrated **power points** to watch and listen to, occasionally videos, or a website link to view. The assignment may be questions related to that week's chapters, which will be due via drop box and/or a discussion forum question for the week. The student will be unable to see any other comments until they make a post to the discussion. Critical thought answers are expected, more than just "I agree or disagree." Chapter questions will not be graded based on correct answers, the grade will be for submitting the assignment on time as well as attempting to answer the questions, the answer key will be posted after submissions have closed. Discussion forum will be graded as a participation grade not a right or wrong answer. **We WILL MEET BIG BLUE BUTTON ON MAY 21, JUNE 11, JULY 2, JULY 16, and JULY 30 ALL FRIDAYS @ 11:00 AM WE WILL USE THESE MEETINGS FOR CHAPTER REVIEWS PRIOR TO EXAMS (may add others if needed)**

Exams (4 @ 50 points each= 200)

This course will include 4 exams, usually 4 chapters at a time. Each exam will include only course information covered prior to the assessment. Big

Blue Button meetings will serve as exam review discussions and questions.

EXAMS WILL NEED COMPLETED BY SATURDAYS OF THAT WEEK BEFORE 11:59 PM. Exams will be on JetNet, Further instructions are available on JetNet course site.

Comprehensive Final Examination (75 points)

This course will include a comprehensive final exam. This examination may include case studies, multiple-choice items, true-false, matching, or short answer. Students will be informed of the general content and nature of test items prior to this examination. Any scheduled exam missed because of an absence must be completed within one week or it will automatically become a zero. It is the student's responsibility to make arrangements with the instructor for a make-up exam.

Case Study Project (25 points)

The student will pick a patient from their clinic experience who has a chronic disease such as; diabetes, cardiovascular disease, gastric, or anxiety which they are taking a prescription medication/medications to treat. Further instructions will be given in week 5. The student will write a brief description of the patient's health status and social situation which may be influencing the patient's health. The student will develop 5 test questions regarding this patient's medication and health status. Detailed instructions and rubric will be posted on JetNet. This project is due in week 12.

Attendance/Professionalism Policy

Just as in a traditional classroom course, regular class participation and keeping up on the reading and assignments is strongly correlated with survival in college. It is my recommendation that you plan to do your assignments and take your exams BEFORE the last day they are due. If problems occur, there is time to fix them before the deadline.

In compliance with Federal Title IV funding requirements, as well as college initiatives, I will be monitoring student participation on a regular basis and officially reporting student activity throughout the term to assure compliance with college policy and federal regulations. It is imperative that you log in to the course and actively participate *within the first couple days of the term* to validate your enrollment in the course. After that, not actively participating in class may result in you being withdrawn from the course. Being withdrawn from a course can have an impact on financial aid, billing, athletic eligibility, and housing status. As a college student you are responsible for how your participation impacts your academic progress; the accountability lies with you.

Attendance will be taken and is a required portion of this course.

It is the student's responsibility to officially withdraw from any class that she/he ceases to attend – see the College Calendar for official withdrawal and refund dates. Failure to withdraw will result in the recording of a "0" grade for that course.

Grading Scale

GPA	GRADE RANGE
4.0	94-100%
3.5	89-93%
3.0	84-88%
2.5	78-83%
2.0	72-77%
1.5	66-71%
1.0	60-65%
0.5	55-59%
0.0	0-54%

Failure

Students must successfully demonstrate skills learned in this course and receive a grade of 75% (2.0) or higher to progress in the Dental Hygiene Program.

INSTRUCTIONAL OBJECTIVES FOR DHY 121 Dental Pharmacology:

Upon completion of the reading material and lecture and laboratory experiences, the student will be able to:

Chapter 1: Information, Sources, Regulatory Agencies, Drug Legislation, and Prescription Writing

1. Discuss the history of pharmacology and its relationship to the dental hygienist.
2. List where detailed and updated information on medications can be found.
3. Define the ways in which drugs are named and the significance of each.
4. Define generic equivalence and how it is related to drug substitution.
5. Describe the acts and agencies within the federal government designed to regulate drugs.
6. Identify the four phases of clinical evaluation involved in drug approval and the five schedules of drugs.
7. Discuss the history of drug legislation, including:
8. List the five schedules of controlled substances.
9. Explain package inserts and black box warnings.
10. Differentiate between labeled and off-label uses.
11. Explain orphan drugs and drug recalls.
12. Prescription writing. Become familiar with the basics of prescription writing as well as describing the parts of the prescription and prescription label regulations.

Chapter 2: Drug Action and Handling

1. Differentiate dose, potency, and efficacy in the context of the actions of drugs.
2. Explain the pharmacologic effect of a drug.
3. Discuss the major steps of pharmacokinetics: absorption, distribution, metabolism, and excretion.
4. Explain how altering absorption, distribution, metabolism, and excretion can affect clinical pharmacokinetics.
5. Explain how half-life relates to clinical pharmacokinetics.
6. Provide example of factors that may alter the effect of a drug.
7. Summarize the various routes of drug administration and the common dose forms used.

Chapter 3: Adverse Reactions

1. Define an adverse drug reaction and name five categories of reaction.
2. Discuss the risk-to-benefit ratio of the use of a drug for therapeutic effect and its potential adverse reactions.
3. Explain how the toxic effects of drugs are evaluated.
4. Discuss the importance of recognizing adverse drug effects.

Chapter 4: Autonomic Drugs

1. Identify the major components and functional organization of the autonomic nervous system.

2. Discuss the pharmacologic effects, adverse reactions, contraindications, and dental considerations of cholinergic agents which are part of the parasympathetic autonomic nervous system.
3. Discuss the pharmacologic effects, adverse reactions, contraindications, and dental considerations of anticholinergic agents which are part of the parasympathetic autonomic nervous system.
4. Discuss the major neurotransmitters in the sympathetic autonomic nervous system and the importance of receptors.
5. Discuss the pharmacologic effects, adverse reactions, contraindications, and dental considerations of adrenergic agents and list several specific adrenergic agents.
6. Explain the workings of adrenergic blocking agents and neuromuscular blocking agents.

Chapter 5: Nonopioid (Nonnarcotic) Analgesics

1. Describe pain and its purpose and main components.
2. Discuss the classification of analgesic agents and the chemistry, pharmacokinetics, pharmacologic effects, adverse reactions, toxicity, drug interactions, and uses of aspirin.
3. Define the term nonsteroidal anti-inflammatory drug and discuss the chemistry, pharmacokinetics, pharmacologic effects, adverse reactions, toxicity, drug interactions, uses, and several examples of these drugs.
4. Discuss the properties, pharmacologic effects, adverse reactions, drug interactions, uses, and dosing of acetaminophen.
5. Explain the disease known as gout and summarize the drugs used to treat it.
6. Explain the disease known as *rheumatoid arthritis* and summarize the mechanism of action of the classes of drugs used to treat it.

Chapter 6: Opioid (Narcotic) Analgesics and Antagonists

1. Explain the classification, mechanism of action, and pharmacokinetics of opioids.
2. List and describe the pharmacologic effects and potential adverse reactions of opioids.
3. Discuss the addiction potential of opioids, including treatment.
4. Name and explain the analgesic actions of the most common opioid agonists.
5. Discuss the actions of and provide examples of the mixed opioids.
6. Summarize the mechanism of action and adverse reactions of tramadol.
7. Apply the use of opioids to dentistry.

Chapter 7: Anti-infective Agents

1. Outline the history and basic principles of infection and its relevance to dentistry, including:
 - a. Define the terms pertinent to a discussion about infection.
 - b. Identify the factors that determine the likelihood of an infection.
 - c. Describe the importance of cultures and sensitivity in relation to infections.
 - d. Discuss the reasons an understanding of “resistance” is important with regard to infections.
2. Summarize the principal indications for the use of antimicrobial agents.
3. Name and describe the major adverse reactions and disadvantages associated with the use of anti-infective agents.

4. Discuss penicillins, macrolides, tetracyclines, cephalosporins—their chemical makeup, properties, mechanisms of action, uses, and potential adverse reactions—and name several specific types of each.
5. Name and describe two other types of antibiotics and anti-infective, including their chemical makeup, properties, mechanism of action, potential adverse reactions, and uses.
6. Discuss the rationale for the use of anti-infective agents in dentistry.
7. Discuss antimicrobial agents for nondental uses including their pharmacokinetics, mechanism of action, adverse reactions, and spectrum of use.
8. Describe the drugs used to treat tuberculosis and the difficulties this disease presents.
9. Discuss the use of topical antibiotics in dentistry.
10. Summarize the concept and practice of antibiotic prophylaxis in dentistry.

Chapter 8: Antifungal and Antiviral Agents

1. Name several types of antifungal agents and discuss their indications in dentistry and potential adverse reactions.
2. Discuss the use of antiviral agents in the treatment of herpes simplex.
3. Describe the various drugs and drug combinations used to treat acquired immunodeficiency syndrome.
4. Describe the various drugs used to treat chronic hepatitis.

Chapter 11: Antianxiety Agents

1. Discuss the value of patient relaxation in dentistry.
2. Describe the pharmacokinetics, mechanism of action, pharmacologic effects, adverse reactions, drug interactions, medical uses and dental relevance of the benzodiazepines and barbiturates.
3. Name and briefly describe the mechanism of action of the nonbenzodiazepine-nonbarbiturate sedative-hypnotics and the nonbenzodiazepine-nonbarbiturate receptor agonists.
4. Name a melatonin receptor agonist and summarize its actions.
5. Explain the workings of the centrally acting muscle relaxants and how they are used.
6. Name and briefly describe a few of the miscellaneous muscle relaxant agents that can be used.
7. Discuss some general precautions about which the dental practitioner should be aware with the use of antianxiety agents.

Chapter 12: Drugs for the Treatment of Cardiovascular Diseases

1. Identify the dental implications of cardiovascular disease including the contraindications to treatment, vasoconstrictor use, and its relationship to periodontal disease.
2. Describe heart failure and identify drugs commonly used to treat it, including the mechanisms of action, pharmacologic effects, and adverse reactions.
3. Discuss the use of digoxin and the management of dental patients taking it.
4. Define arrhythmia and dysrhythmia and describe how the heart maintains its normal rhythm.
5. Describe the classifications, mechanisms of action, adverse reactions, and uses of antiarrhythmic agents and identify the issues to consider in dental treatment.

6. Define angina pectoris and describe the types of drugs used to treat it; identify the dental implications of these drugs.
7. Define hypertension, describe the categories it is divided into, and identify its treatment with the various types of antihypertensive agents, including:
8. Describe the mechanisms of action, pharmacologic effects, adverse reactions, and uses of the various antihypertensive agents.
9. Identify potential drug interactions and the dental implications of these drugs.
10. Discuss the management of dental patients taking these drugs.
11. Define hyperlipidemia and hyperlipoproteinemia and summarize the types of drugs used to restore cholesterol homeostasis in the body including the dental implications of their use.
12. Describe the role of warfarin in blood coagulation and the potential adverse reactions and interactions associated with its use.
13. Identify several other drugs that affect blood coagulation.

Chapter 13: Drugs for the Treatment of Gastrointestinal Disorders

1. Summarize the most common types of gastrointestinal diseases and their impact on oral health care.
2. Name and describe the types of drugs used to treat gastrointestinal diseases, their uses, adverse reactions, drug interactions and any implications to dentistry, including,
 - a. Discuss the role of H₂-receptor blockers in the treatment of peptic ulcer disease and gastroesophageal reflux disease.
 - b. Discuss the role of proton pump inhibitors and antibiotics in the treatment of peptic ulcer disease and gastroesophageal reflux disease.
 - c. Describe the role of antacids in the treatment of peptic ulcer disease and gastroesophageal reflux disease.
3. Discuss several miscellaneous gastrointestinal drugs that can be used and their possible side effects.
4. List the different types of laxatives and know the advantages and disadvantages of each.
5. List the medications used to treat diarrhea.
6. Define the term antiemetic and give examples of drugs used to treat vomiting and nausea.
7. Discuss the medications used to manage chronic inflammatory bowel disease (IBD).

Chapter 14: Drugs for the Treatment of Seizure Disorders

1. Define epilepsy and briefly summarize the various types of seizures.
2. Discuss drug therapy of patients with epilepsy and describe the general adverse reactions to antiepileptic agents.
3. Summarize the pharmacologic effects, adverse reactions, and drug interactions of the main antiepileptics—valproate, lamotrigine, levetiracetam, oxcarbazepine, carbamazepine, and phenytoin.
4. Discuss ethosuximide and benzodiazepines (two miscellaneous antiepileptics) and describe the workings of each.
5. Provide several examples of new types of antiepileptics, including the mechanism of action, indications, and adverse reactions of each.
6. Outline the dental treatment of patients with epilepsy.

Chapter 15: Drugs for the Treatment of Central Nervous System Disorders

1. Name and describe the three categories of functional disorders discussed in this chapter. Outline some basic precautions that the dental health care professional should keep in mind when treating patients with psychiatric disorders.
2. Discuss antipsychotic agents and their mechanism of action as well as the following:
 - a. Identify first generation antipsychotics and their adverse reactions
 - b. Identify second generation antipsychotics, their adverse effects, drug interactions, uses and dental implications.
3. Discuss antidepressant agents, including:
 - a. Describe the mechanism of action and adverse reactions of selective serotonin reuptake inhibitors.
 - b. Describe the mechanism of action and adverse effects of serotonin norepinephrine reuptake inhibitors.
 - c. Describe the mechanism of action, adverse reactions, and drug interactions of the tricyclic antidepressants.
4. Name several other types of antidepressants and their possible adverse reactions and dental implications.
5. List several drugs used to treat bipolar disorder.

Chapter 16: Adrenocorticosteroids

1. Define adrenocorticosteroids and describe how the body releases them.
2. Summarize the classification, administration, mechanism of action, and pharmacologic effects of adrenocorticosteroids.
3. Describes the various adverse reactions and uses of adrenocorticosteroids, including their application to dentistry.
4. List several examples of corticosteroid products and describe the ways in which they are differentiated.
5. List several dental implications to the use of steroids.

Chapter 17: Drugs for the Treatment of Respiratory Disorders and Allergic Rhinitis

1. Summarize the two groups of respiratory diseases.
2. Name and describe the mechanisms of action of several types of drugs used to treat respiratory diseases.
3. Discuss the types of drugs used to treat respiratory infections, including the implications to dentistry.
4. Define allergic rhinitis and describe the dental implications, pharmacologic effects, adverse reactions, and toxicity of antihistamines.
5. Describe the dental implications, pharmacologic effects, and adverse reactions of the intranasal corticosteroids.
6. Discuss montelukast, cromolyn sodium, and ipratropium bromide and describe their role in treating allergic rhinitis. Also describe the adverse reactions of ipratropium bromide.
7. Describe the use of decongestants, including:
 - a. Discuss the pharmacologic effects, adverse reactions, and uses in treating allergies.
 - b. Discuss the use of intranasal decongestants as an alternative to oral decongestants.

Chapter 18: Drugs for the Treatment of Diabetes Mellitus

1. Describe the importance of the hormones released by the endocrine glands in maintaining homeostasis, including:
 - a. Discuss the two primary hormones secreted by the pancreas and their role in relation to diabetes mellitus.
 - b. Define diabetes mellitus and describe the two types of this disease, its complications, and issues involving dentistry, cautions and contraindications in the treatment of patients with diabetes.
2. Describe the systemic complications of diabetes and the evaluation of the dental patient with diabetes. Discuss the goals of therapy and describe the types of drugs used to treat diabetes.
3. Discuss four new drugs being used to treat diabetes and summarize their mechanism of action and possible adverse effects.
4. Discuss the treatment of hypoglycemia.

Chapter 19: Drugs for the Treatment of Other Endocrine Disorders

1. Discuss pituitary hormones, the functions of the anterior and posterior pituitary glands and describe the negative feedback mechanism that takes place in endocrine glands.
2. Provide an overview of the thyroid hormones, conditions known as hypothyroidism and hyperthyroidism and antithyroid drugs.
3. Summarize the major female and male sex hormones and describe several types of hormonal contraceptives.
4. Discuss other agents that affect sex hormone systems.

Chapter 20: Antineoplastic Agents

1. Discuss antineoplastic agents and summarize their use, mechanisms of action, and classification.
2. Describe several adverse drug effects associated with antineoplastic agents.
3. Discuss the dental implications of patients planning to take or actively taking antineoplastic drugs.

Chapter 24: Natural/Herbal Products and Dietary Supplements

1. Discuss why people choose herbal products over traditional medicine.
2. Discuss the federal legislation governing herbal and dietary products.
3. Discuss the safety of herbal and nutritional products and explain the adverse effects associated with their use and their impact on oral health care.
4. Explain the drug interactions associated with herbal products and their impact on oral health care.
5. Discuss the standardization of herbal products and the Good Manufacturing Practice standard introduced by the FDA.
6. Discuss the herbal supplements that are used in oral health care.

Academic Honesty Policy

Academic Honesty is defined as ethical behavior that includes student production of their own work and not representing others' work as their own, by cheating or by helping others to do so.

Dental Hygienists are highly regarded as trusted professionals. We are committed to the ideals that honesty and integrity are essential qualities for the profession of dental hygiene. Here at Jackson College

each of us has a personal responsibility to strive for veracity, integrity, and trust in our work and relationships.

Academic integrity and honesty are expected of all students. Any student found to be cheating on an exam, quiz, or other assessment will be subjected to corrective action in accordance with the level of infraction as outlined in the JC Dental Hygiene Performance Notice Procedure and JC Students Rights, Responsibilities and Code of Conduct (<https://www.jccmi.edu/wp-content/uploads/2701.pdf>). Corrective action may include receiving a maximum grade of 0.0 for the course with permanent removal from the program.

Plagiarism is defined as the failure to give credit for the use of material from outside sources.

Plagiarism includes but is not limited to:

- Submitting other's work as your own
- Using data, illustrations, pictures, quotations, or paraphrases from other sources without adequate documentation
- Reusing significant, identical or nearly identical portions of one's own prior work without acknowledging that one is doing so or without citing this original work (self-plagiarism)

Cheating is defined as obtaining answers/material from an outside source without authorization.

Cheating includes, but is not limited to:

- Plagiarizing in any form
- Using notes/books/electronic material without authorization
- Copying
- Submitting others' work as your own or submitting your work for others
- Altering graded work
- Falsifying data
- Exhibiting other behaviors generally considered unethical

Allowing your work to be submitted by others

Accessibility

Jackson College understands that cultivating a broadly diverse community is crucial to our educational mission and to our foundational commitment to leadership and service. Jackson College is fully committed to ensuring our courses are accessible to everyone including those with disabilities. We are currently working to increase accessibility and usability of our course materials in order to meet or exceed the requirements of Section 508 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1991 and Web Content Accessibility Guidelines (WCAG) 2.0. For more information about Jackson College's efforts to ensure accessibility please visit the [Jackson College accessibility web page](#).

If you have an accessibility need in any of our classes, please e-mail the Center for Student Success at JCCSS@jccmi.edu or visit the [Center for Student Success web page](#).

At the Center for Student Success (CSS), we are committed to providing all students the opportunity to achieve academic success by providing a variety of support services free of charge to Jackson College students. This includes, but is not limited to, peer and faculty tutoring, mental health referral, temporary assistance with transportation, various workshops/seminars, and the TRIO program.

In addition, the CSS staff is committed to adapting the College's general services to meet the individual needs of otherwise qualified students with disabilities, for the purpose of providing equal access to all programs and facilities.

Course Management

Lack of engagement within the course for any reason, including illness or late registration, in no way relieves the student of the responsibility for completing all work in the course. All assignments and projects are due on the dates and times given in the course schedule and syllabus. They are subject to change at the discretion of the course instructor.

Makeup Policy

Each missed due date for class assignments will result in a 1- point reduction (if only a 5-point assignment), per day for every day the project is late. A 5-point reduction per day for assignments with more than a 5-point total. Missing a deadline could substantially lower your grade.

****If you foresee difficulty in meeting a deadline for an assignment, please contact your instructor immediately to determine a plan of action to complete your assignment. Assignment completions may be handled on a case-by-case basis at the discretion of the lead faculty. ****

Help

Mandatory Tutoring:

Students enrolled in the Dental Hygiene Program at Jackson College must attain a 75% or higher to proceed each semester and graduate from the program.

If the student's grade falls below a 75% in any aspect of the course, or if the instructor feels that the student would benefit from additional tutoring, the student will be required to coordinate and attend mandatory tutoring with one of the course instructors. Mandatory tutoring sessions are designed to provide appropriate remediation in courses where the student is earning less than a 75%.

- Mandatory tutoring will continue until the student's cumulative course grade is above 75%, or at the discretion of the lead instructor.
- Failure to attend the mandatory tutoring sessions will result in a 2-point deduction from the attendance/professionalism portion of a student's grade.
- Students must bring and use classroom study materials related to the course(s) in which they are being tutored.

Accommodations for Students with Disabilities:

If a student has a documented learning disability, visual or hearing impairment, psychiatric issue, or other physical or psychological challenge that interferes with learning, the Center for Student Success (CSS) can arrange accommodations for each student's classes in compliance with the American Disabilities Act. Based on the student's particular needs, accommodations may include but are not limited to:

- Extended testing time
- Quiet testing location

- Assistive technology
- Note takers
- Alternative text formats
- Sign language interpreter

It is the student's responsibility to self-disclose a disability. Once documentation has been provided, CSS can arrange accommodations with instructors each semester.

[Center for Student Success | Accommodations for Students with Disabilities](#)

Joint Commission on National Dental Examinations Accommodations for Students with Disabilities

The Joint Commission on National Dental Examinations (JCNDHE) provides reasonable and appropriate accommodations in accordance with the Americans with Disabilities Act for individuals with documented disabilities or a medical condition who demonstrate a need for accommodations and request accommodations prior to testing. Accommodations will not be noted on test results or shared with any third party (e.g., dental schools, state licensing agencies, etc.).

[JCNDHE Accommodations Request](#)

Special Accommodations Request for the CDCA examinations (Commission on Dental Competency Assessments)

All requests are reviewed by the CDCA Director of Examinations and are subject to approval. A doctor's note on his/her official letterhead (or with official stamp) that explains the candidate's condition and what accommodations are requested must be uploaded to the candidate's online profile. Contact us to indicate that you are requesting special accommodations and that you have uploaded the documentation to your profile. Include your full name in your email for faster processing. Without a doctor's request for accommodations, your request will not be reviewed by the Director of Examinations, which means that your request will be automatically denied. You must submit a new request for each exam you register for. Do not contact Prometric to schedule an appointment before you receive a final response from CDCA regarding your accommodation request.

[CDCA Special Accommodations](#)

Student Responsibilities

Requirements beyond the online class assignments; there may TBA sessions and a service-learning project (whether done virtually or in the field)

Attendance- Participation Policy

For online sections:

Just as in a traditional classroom course, regular class participation and keeping up on the reading and assignments is strongly correlated with survival in college. It is my recommendation that you plan to do your assignments and take your exams BEFORE the last day they are due. If problems occur, there is time to fix them before the deadline.

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Caveat

Calendar

Course Schedule for DHY 121 Dental Pharmacology

Class Meeting Dates	Topics <i>Pharmacology</i>	Reading Assignment Other assignments
<p>Week 1: May 10-14</p>	<p>CH. 1 Information, Sources, Regulatory Agencies, Drug Legislation, and Prescription Writing CH 2 Drug Action and Handling CH. 3 Adverse Reactions</p>	<p>WATCH and Listen to power points. Answer posted chapter questions and submit via drop box and post in the discussion forum by May 14 @ 11:59 pm</p>

<p>Week 2 May 17-21</p>	<p>Ch. 4 Autonomic Drugs</p>	<p>Read watch the power point before meeting on Friday and answer chapter questions submit via drop box by WEDNESDAY MAY 19 @ 6:00</p>
<p>Week 3: May 24-28</p>	<p>Ch. 5 Nonopioid (Nonnarcotic) Analgesics Ch 6 Opioid (Narcotic) Analgesics and Antagonists</p>	<p>Watch and listen to power points, answer posted chapter questions and submit via drop box, post in the discussion forum by May 28 @ 11:59 pm</p>
<p>Week 4: M May 31-June 4</p>	<p>Ch 7 Anti-infective Agents Ch 8 Antifungal and Antiviral Agents</p>	<p>Watch and listen to the power points, answer the posted chapter questions and submit via drop box and post your poster presentation in the forum by June 4 @ 11:59 pm</p>
<p>Week 5: June 7-11</p>	<p>Ch. 12 Drugs for the Treatment of Cardiovascular Diseases</p>	<p>Read the chapter and Watch power point, BEFORE MEETING ON FRIDAY answer the posted chapter 12 questions, and submit via drop box by WEDNESDAY JUNE 9, 2021 @ 6:00 PM</p> <p>MEET BIG BLUE BUTTON FRIDAY JUNE 11</p>
<p>Week 6: Ju June 14-18</p>	<p>Ch 11 Antianxiety Agents Ch 13 Drugs for the Treatment of Gastrointestinal Disorders</p>	<p>Watch and listen power points, answer posted chapter questions and submit via drop box and post in the discussion forum by June 18 @ 11:59 pm</p>

<p>Week 7 June 21-25</p> <p>JJ JJ</p>	<p>Ch 14 Drugs for the Treatment of Seizure Disorders Ch 15 Drugs for the Treatment of Central Nervous System Disorders</p>	<p>Watch and listen to the power points, answer the posted chapter questions and submit via drop box and post in the discussion forum by June 25 @ 11:59 pm</p>
<p>Week 8: June 28-July 2</p>	<p>Ch 17 Drugs for the Treatment of Respiratory Disorders and Allergic Rhinitis</p>	<p>Watch and listen to the Power point BEFORE THE MEETING ON FRIDAY answer the posted chapter 17 questions and submit via drop box BY</p>
<p>Week 9: July 5-9</p>	<p>Ch 18 Drugs for the treatment of Diabetes Mellitus Ch 16 Adrenocorticosteroids</p>	<p>Watch the Power points, answer the posted chapter questions and submit via drop box and post in the discussion forum by July 9 @ 11:59 pm</p>
<p>Week 10: July 12-16</p>	<p>Ch 19 Drugs for the Treatment of Other Endocrine Disorders</p>	<p>Read and Watch power point BEFORE MEETING ON FRIDAY, answer the posted</p>

<p>Week 11: July 19-23</p>	<p>Ch 20 Antineoplastic Ch 24 Natural/Herbal Products and Dietary Supplements</p>	<p>Watch and listen to the power points, answer the posted chapter questions and submit via drop box and post in the discussion forum BY FRIDAY JULY 23 @ 11:59 PM</p>
<p>Week 12: July 26-30</p>	<p>Review for final Exam</p>	<p>CASE STUDY PAPER DUE BY JULY 30 @ 11:59 PM</p> <p>Possible Big Blue Button meeting Friday July 30 @ 11:00 am</p>
<p>Week 13: Aug 2-5</p>		<p>Take the Final Exam BY THURSDAY AUG</p>