



DHYG 110 Head/Neck Anatomy section name section credit hours Credits **Syllabus**

Course Information

Meeting times and location: section meeting_times section location

Catalog description: A study of anatomy and physiology of the head and neck region with an emphasis on the oral cavity. Prerequisites: Admissions into the Dental Hygiene Program.

Prerequisites: Take DHYG-112, DHYG-113, DHYG-114, DHYG-115 and DHYG-217

Terms offered: Fall Only

Section-specific Course Description:

Course Level Objectives

Course Learning Outcomes

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

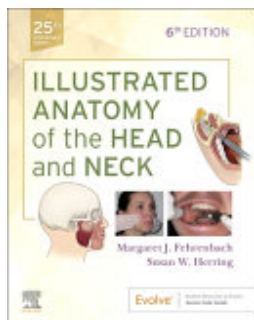
Correctly identify the major structures of the head and neck as evidenced by a 75% or higher accuracy on learning assessments.

1. Discuss the clinical applications of the study of head and neck anatomy by dental professionals.
2. Apply the correct anatomical nomenclature during the study of head and neck anatomy,
3. Discuss normal anatomical variation and how it applies to different structures in the head and neck.
4. Discuss the anatomical considerations for patient examination and dental radiology of the head and neck region.
5. Locate and identify the regions and associated surface landmarks of the head and neck on a diagram.

6. Locate and identify the specific anatomical landmarks of the TMJ on a diagram and skull.
7. Describe the movements of the TMJ and their relationship to the muscles in the head and neck region.
8. Discuss the disorders of the TMJ.
9. Integrate the knowledge about the anatomy of the TMJ into the examination of the joint for disorder.
10. Identify and trace the routes of the blood vessels of the head and neck on a diagram and skull.
11. Discuss the types of lesions that can occur with blood vessels in the head and neck region.
12. Integrate the knowledge about the head and neck blood supply into clinical practice when a vascular problem is present, especially from a local anesthetic injection or during the spread of infection or cancerous cells by the blood.
13. Discuss the process of mastication, speech, and swallowing in regard to anatomical considerations.
14. Integrate the knowledge about the muscles of the head and neck into the clinical practice of patient examination and related muscular diseases.
15. Locate and identify the muscles of the head and neck on a diagram and skull.
16. Describe the origin, insertion, and action of the muscles of the head and neck.
17. State the nerve (s) innervating each of the muscles of the head and neck.
18. Locate and identify the bones of the head and neck and their landmarks on a diagram and skull.
19. Describe in detail the various parts and landmarks of the maxilla and mandible.
20. Discuss certain abnormalities of the bone.
21. Integrate the knowledge about the bones into the overall study of the head and neck anatomy.
22. Discuss the spread of infection to the sinuses and by the blood system, lymphatics, and spaces to other areas in the head and neck region.
23. Trace the routes of the spread of dental infection in the head and neck region on a diagram and skull.
24. Discuss the lesions and complications that can occur with the spread of dental infection in the head and neck region.
25. Discuss the prevention of the spread of dental infection during patient care.
26. Integrate the knowledge of the spread of dental infection into the ability to prevent and manage the spread of dental infection.
27. Locate and identify all the glandular tissue and associated structure in the head and neck region on diagram and skull.
28. Integrate the knowledge about the head and neck glands during clinical practice when these glands may be involved in a disease process.
29. Describe the component of the nervous system and outline the actions of nerves.
30. Discuss in general the major divisions of the central and peripheral nervous systems.
31. Identify and trace the routes of the cranial nerves from the skull on a series of diagrams.

32. Briefly discuss the general function of each of the cranial nerves.
33. Identify and trace the routes of the nerves to the oral cavity and associated structures of the head and neck on diagram and skull.
34. Describe the tissues innervated by each of the nerves of the head and neck.
35. Discuss certain nerve lesions associated with the head and neck region.
36. Integrate the knowledge about the head and neck nerves into the functioning region's muscles, joints, and glands, the concepts of pain management with local anesthesia, and also the related nervous system disorders.
37. List the tissues anesthetized by each type of injection and describe the target areas.
38. Locate and identify the anatomical structures used to determine the local anesthetic needle's penetration site for each type of injection on a skull.
39. Demonstrate the correct placement of the local anesthetic needle for each type of injection on a skull.
40. Identify the correct depth and tissues penetrated by the local anesthetic needle for each type of injection.
41. Discuss the complications of local anesthesia of the oral cavity associated with anatomical considerations for each type of injection.
42. Integrate the knowledge about the nerves into the administration of local anesthesia and control of pain during the dental procedure.
43. Discuss and list the lymphatic system and its components.
44. Locate and identify all the major groups of lymph nodes of the head and neck on a diagram.
45. Locate and identify all the tonsillar tissues of the head and neck on a diagram.
46. Identify the patterns of lymph drainage for each head and neck tissue or region.
47. Describe and discuss lymphadenopathy of lymphoid tissue.
48. Discuss the spread of cancer in the head and neck region and its relationship to lymph nodes.

Required Texts and/or Materials



Illustrated Anatomy of the Head and Neck

9780323613019

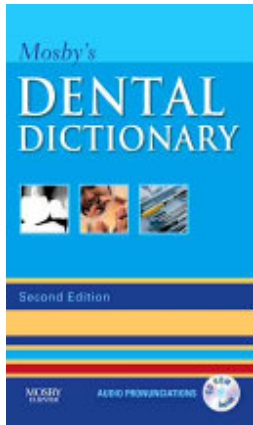
Margaret J. Fehrenbach, RDH, MS, Susan W. Herring
Saunders

2020-12-01



Dental Anatomy

Nancy Shobe Karst, Sarah K. Smith
Pearson
1998-01-01



Mosby's Dental Dictionary

Charles A. Babbush
Mosby Incorporated
2008-01-01

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 tickets and password reset: [San Juan College Help Desk](#)

For Canvas support information: [Canvas Support](#)

Accessibility/Privacy Policies for all Technology Tools Used

Course Requirements

- Upon completion of this course, the student will be able to correctly identify the major structures of the head and neck as evidenced by a 75% or higher accuracy on learning assessments

COVID Safe Practices for Being on Campus

Masks / cloth face coverings must be worn while on campus in accordance with the New Mexico public health order. If you feel that you cannot wear a mask due to health complications, please contact Disabilities Services:

disabilityservices@sanjuancollege.edu or call (505) 566-3271. Hand sanitizer stations are at all building entrances, please “wash in, wash out”--clean your hands when you enter and before you leave. Classrooms and labs have been arranged to allow for social distancing; please respect your classmates and instructors by staying 6 feet away from everyone. You will be expected to disinfect your table or area prior to class and after class, cleaning products will be provided for this purpose. Check with your instructor for specific policies for their course. Please do not congregate in hallways or common areas, instead utilize our beautiful outside spaces and weather to visit with your friends and colleagues from a safe distance.

If you have been in contact with anyone who has tested positive for COVID-19, has symptoms, or is waiting on test results, contact your instructor and DO NOT come to class. If you have tested positive, have symptoms or are waiting on test results, contact your instructor and DO NOT come to class. Your health care provider or the assigned contact tracer will let you know when it is safe for you to be around others.

Student Support

Student Services and Support

The Student Support webpage provides information on counseling, tutoring, technical support, and many other support services available to San Juan College students.

[Student Support](#)

Academic Support

Academic Support webpage provides information on academic advising, the library, Testing Center, and the honors program.

[Academic Support](#)

Participation and Attendance Policy

Students will inform their professor if they will be missing any class sessions

Other Classroom Policies and Expectations

Preparation: During this course it is expected that the student prepare for class. This includes reading or viewing the information prior to class. Students should be prepared to participate in active learning discussions in each class on the topic assigned for that day. At any particular point, students may depend on a number of unannounced quizzes. If the student has adequately prepared for the class there should be little trouble passing these quizzes or completing course assignments.

Make-Up Policy: A student will not be allowed to make up quizzes (a zero will be given for each missed quiz). If a major examination is missed, it is the student's responsibility to make arrangements with the instructor and schedule a Make-Up Examination as soon as possible. Scheduling conflicts must be resolved through prior arrangement. All make-up exams must be taken within two days of return to class; otherwise, a grade of zero will be recorded for the missed exam. Unscheduled missed lecture exams cannot be made up except in the case of a medically excused illness or family emergency (written verification required). 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.

Professional Policy: All students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements. The following professionalism standards apply to this course:

1. You are to refer to your instructors and guest lecturers by their professional or personal title (i.e. Doctor, Ms. Mr., and Mrs.).
2. Student is prompt for class.
3. Student is prepared for class sessions.
4. Student assumes responsibility for his/her own learning.
5. Student is concerned with excellence in learning rather than just meeting minimal criteria.
6. Student applies learning in the clinical setting.
7. Student maintains his/her composure, dealing with conflict in a constructive way.
8. Student exhibits an attitude of respect for classmates, faculty and staff.

Canvas Participation and Expectations

Students are expected to participate in class

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 leaning management system. In order to protect student privacy, students shall not share such log-in and passcode informing.

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 Time

Professor will respond within 1-2 days

Course Time Commitment

6-9 hours per week

Grading

Grading

Grade Scale	
90-100%	A
80-89%	B
75-79%	C
65-74%	D
<65%	F
75% is the passing standard	
For all dental hygiene courses	

To determine final grades....

Category	Weight
Quizzes	7.5
Assignments	7.5
Exams	60
Final	25

Key Dates to Remember

[Full Academic Calendar](#)

Course Schedule

See separate course schedule

College Policies

The following information also applies to your work in this class. If you have special needs for campus emergency situations, please inform me immediately.

1. Academic Accommodations - American with Disabilities Act (ADA)

If you believe you need academic accommodations due to physical or learning disabilities, you are encouraged to inform them as soon as possible. The coordinator can work with you in verifying your disabilities and developing accommodation strategies. Please go to [Disability Services Office](#), click the button for "Request for Services" and complete all the steps.

You can also contact the college's disability coordinator in the Advising/Counseling Center at 566-3271 or disabilityservices@sanjuancollege.edu. More information is available on the website listed above.

2. The Family Educational Rights and Privacy Act (FERPA)

Your personal information and grade are confidential. Aside from routine reporting to the college required for this course, I will not share such information with anyone unless I have your permission.

3. Academic Honesty Rules

San Juan College expects all students to adhere to the [Academic Honesty Rules](#) as posted online. These are the official guidelines for all classes at San Juan College (July 2006).

4. Student Conduct Statement

College is preparation for professional opportunities, and professional conduct is expected in courses, including online classes, as well as any written communications, and interactions with members of the college community. As part of our learning community, students are expected to interact and communicate in a mature, respectful, thoughtful, and supportive manner. Students who demonstrate disrespectful, hostile, belittling, bullying or other disruptive behavior will be subject to potential consequences and possible dismissal from the college. The college will take appropriate action when students demonstrate threatening behavior (to others or self). Students should refer to the Code of Conduct in the Student Handbook for additional information.

5. Student Safety

Keeping students safe is a priority, and part of that is ensuring that we have the ability to communicate emergency messages – whether for school closures due to weather or for more or urgent situations. Rave is San Juan College's emergency messaging system. Through your SJC student email, you will automatically receive email messages, however, it is also vital that you receive text messages. In order to receive the messages, you must register in a simple process with [Rave](#). When registering, please make sure that your mobile status is "confirmed."

The Department of Public Safety is available 24 hours per day. In an emergency, they can be accessed by calling 215-3091 or 566-3333.

In the event of an emergency, a Rave message will be sent, and depending on the situation, you will be instructed to do one of the following:

- Evacuate the building
- Shelter in place (Campus doors are locked, and operations continue as normal. During this situation, no one other than law enforcement is allowed in or out of the campus.)
- Lockdown (Campus doors are locked. All operations cease, and you should take cover in your immediate area. No one other than law enforcement is allowed in or out of the campus.)

6. Non-Discrimination, Sexual Harassment, and Retaliation.

San Juan College does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, genetic, veteran's status, or on the basis of any other category protected under federal, state and local laws. If you have experienced sexual harassment, sexual assault, or any other form of protected class discrimination, we encourage you to make a report. If you report to a faculty member, she/he/they are obligated by policy to share knowledge, notice, and/or reports of harassment, discrimination, and/or retaliation with the Title IX Coordinator. These disclosures include but are not limited to reports of sexual assault, dating/domestic violence, and stalking. You may also make a confidential report to a SJC Counselor. Please refer to San Juan College's [Title IX](#) site for further details.

San Juan College's Title IX Coordinator is Stacey Allen, Assistant Director of Human Resources/Equity, Diversity, and Inclusion Officer. The office is located at the Educational Services Center Building, 2nd Floor, Human Resources, Room 4243 at (505) 566-3515 or allens@sanjuancollege.edu.

7. Drop for Non-Attendance and/or Non-Participation

Class Attendance and Participation Expectation:

Face-to-Face -- Students are expected to attend and participate in class regularly. Any student missing more than 10% of consecutive class time, (For example, in a regular 15-week class that meets twice a week, this equates to the student missing 3 consecutive classes) without consultation with the instructor may be considered as having abandoned the course.

On-line -- Students are expected to participate regularly and submit all course assignments, based on the course guide definition. A student who does not submit any assignments during a consecutive 10% of the course (1.5 weeks of a 15-week

semester) without consulting the instructor, may be considered as having abandoned the course. Logging in does not meet the attendance standard.

Competency-Based Education Classes -- Students are expected to have regular and substantive interactions with their instructor and to actively work on course content. A student who has not submitted coursework, nor had substantive interactions with the instructor over a consecutive 10% of the term, without the instructor's prior approval, will be considered to have abandoned the competency progression. Last date of attendance will be recorded as the last date that coursework was submitted or that the student met with the instructor. For on-line learners, logging in does not meet the attendance standard.

8. Failure to Meet Class Participation Expectation:

Students who fail to meet participation expectations will have their last date of attendance recorded. This date will be used to recalculate any financial aid received/veteran's benefits received, and the student may be required to repay the institution/government. If the student does not drop the course, an 'X' grade will be recorded. An 'X' grade impacts the grade point average the same as an 'F'.

9. Grading Policies

Incomplete: Incomplete Grade Assignment ([Incomplete Grades Information](#))

The grade of I (Incomplete) is given for passing work that could not be completed during the semester because of circumstances beyond the student's control. Ordinarily, the assignment of an I is given by the course instructor at the time final grades are due

In no case is an I grade to be used to avoid assignment of D or F grades for marginal or failing work or to require a student to enroll in the class the next semester because work was not completed on time. Circumstances warranting the issuance of an I grade must be beyond the student's control and must be documented on the appropriate form prior to approval.

I grades can be removed only during the subsequent 16 weeks from the end of term, or within the time limit set by the instructor. Removal of an I is accomplished by completing the work in a manner acceptable to the instructor. Re-enrollment in the course under the repeat option does not remove the prior grade of I. Students should not re-enroll for the course. An I not made up within 16 weeks or within the time limit set by the instructor will change to an F grade thereafter and cannot be

changed by work completion.

10. **Grade Appeals**

The policy for grade appeals is in the Academic Catalog.([Grade Appeal Policy](#))

Student Handbook

The Student Handbook provides information on Student support, student organizations, and San Juan College policies.

[Student Handbook](#)

Program Handbook

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