



**Course Syllabus
SEMESTER
School of Nursing and Health Professions**

Course Name:	Dental Sciences
Course & Section Number:	DAS 102-XXX
Meeting Day(s) & Time(s):	
Credits:	4
Contact Hours:	4
Instructor's Name:*	
Office Hours & Location:	
OCC Phone:	
OCC Email:**	

**Please use only Owens email for course communications.

Catalog description:

This course emphasizes the importance of general anatomy and dental anatomy. The student will learn about the entire body system and how this relates to the dental patient. The student will learn the entire oral cavity and its anatomical makeup. Understanding the anatomy of the human being is essential in the overall makeup of the patient.

http://catalog.owens.edu/preview_program.php?catoid=17&poid=5307

Prerequisite/Corequisites:

Co-requisites: DAS101 and DAS103 and DAS104 and DAS 105 all with a 'C' or better and chair approval

Prerequisites: NONE

Course Materials:

1. Bird, D. and Robinson, D. *Modern Dental Assisting*, 14th Edition. St. Louis, MO: Elsevier, 2023. ISBN-13: 9789323824408
2. Boyd, L. *Dental Instruments: A Pocket Guide*, 8th Edition. St. Louis, MO: Elsevier, 2023. ISBN-13: 970323873901
3. Owens Community College Dental Hygiene Program Procedure and Safety Manual.

*If a **print book, e-book, or access code** is required for class, you can access the Owens Community College e-Campus Bookstore by accessing the online link, called “Find Books” on the course schedule for each course section. See the example below.*

OER and Owens Community College Library Resources (Open Educational Resources are free online materials for instructor and student use. Some OER material may be available in print in the Owens Community College Library.)

Inclusive Access (I.A.) Materials are included in the cost of the course to save students money through lower negotiated rates with publishers. Courses containing I.A. materials will have it noted on the online class schedule. If your course includes I.A. digital materials, you will receive an email with subject line, “Your inclusive Access Materials,” and it will include any codes or digital links.

The email will come to your Owens Community College email from the Owens e-Campus Bookstore on the first day of class, if not before. Be sure to check your spam (junk email) if you do not find it in your inbox. If the email is not in your inbox or spam folder, contact your instructor immediately. You may also see a folder at the top of your course labelled “Course Materials by eCampus.” This folder will contain any needed codes or links to needed materials.

If the I.A. materials also include a printed book or are in print form, the item will be shipped to your address of record automatically based on your enrollment in the course. Please note that some courses do not include printed materials in I.A. and those materials would need to be purchased separately using the link on the course schedule. When you access the Find Books link you will see which items in a course are included in I.A.

What You Will Learn in the Course

Course Objectives:

1. Describe general anatomy terms.
2. Locate landmarks of the Face and Oral Cavity.
3. Explain general physiology as it relates to dentistry.
4. Describe Oral Embryology and Histology
5. Discuss Head and Neck Anatomy as it relates to dentistry.
6. Label the Dentitions in children and adults.
7. Discuss Tooth Morphology.

Student Learning Outcomes:

Outcome	Where Assessed
1. Explain the difference between anatomy and physiology and purpose of each body system and common disorders of each body system.	Tests, Homework, Presentation, Quizzes, Final Exam
2. Describe the components of a cell and identify the types of tissue in the human body	Tests, Homework, Presentation, Quizzes, Final Exam
3. Define embryology and histology and periods of prenatal development, osteoclasts and osteoblasts, stages of tooth development and components of the tooth	Tests, Homework, Presentation, Quizzes, Final Exam
4. Identify the structures of the oral cavity and head and neck and list their functions	Tests, Homework, Presentation, Quizzes, Final Exam
5. Describe the characteristics of normal gingival tissue: size, shape, functions of teeth, mixed dentition, classifications of occlusions, and tooth numbering systems.	Tests, Homework, Presentation, Quizzes, Final Exam

Program Outcomes:

Outcome	Where Assessed
1. Students will provide effective communication.	Tests, Homework, Presentation, Quizzes, Final Exam
2. Students will demonstrate problem solving.	Tests, Homework, Presentation, Quizzes, Final Exam
3. Students will access, gather and utilize information.	Tests, Homework, Presentation, Quizzes, Final Exam
4. Students will demonstrate technical competence in Dental Assisting.	Tests, Homework, Presentation, Quizzes, Final Exam

Technology, Lab, and File Requirements:

Blackboard Online Learning Platform

Laptop and access to internet

Respondus Lockdown Browser: [eLearning - Owens Community College](#)

Academic Support

Disability Services Resource Center: If you have a disability or acquire one, you may be entitled to receive reasonable accommodations intended to assure you an equal opportunity to participate in and benefit from the program. To receive more information or to register for accommodations, please contact the Disability Resource Center at 567-661-7007, email disability@owens.edu, visit <https://www.owens.edu/disability/>, or stop by College Hall 124.

Tutoring Services: Owens Community College offers academic tutoring and assistance in a variety of subjects including: accounting, computing, economics, mathematics, science, and

writing. For more information go to: <https://www.owens.edu/successcenters/>.

Counseling Services: Counseling Services provides assistance to students experiencing personal, educational, interpersonal/relationship, family, social, or psychological difficulties. If you feel you may benefit from this service, please contact them at counselingservices@owens.edu. More information is at <https://www.owens.edu/counseling/>.

Campus and Community Connections: The Center for Campus and Community Connections (College Hall 123) is a walk-in office created to provide retention support through resource stability initiatives and community connections. Go here for more information: <https://www.owens.edu/connection/> or contact connections@owens.edu

Owens Library: The Owens Library offers two locations (Toledo and Findlay) as well as online resources. For more information visit <https://www.owens.edu/library/>.

Students can find more information on campus resources, student support, student life, and security at this [link](#).

General Information

Student Code of Conduct: All students are expected to follow Owens Community College's Student Code of Conduct, which includes academic honesty, encompassing plagiarism. See the Board Policy for more information.

Anti-Discrimination and Harassment & Title IX/Sexual Misconduct: All students, faculty, and staff are expected to follow Owens Community College's Anti-Discrimination and Harassment Policy and the College's Title IX Policy/Sexual Misconduct Procedures and Guidelines. The College strictly prohibits and will not tolerate harassment, discrimination, intimidation, or hostile/offensive working or learning environments.

Religious Accommodations: A student seeking an accommodation for an absence permitted under Ohio's Testing Your Faith Act must provide the instructor with a written email notice with the specific dates for an absence, and must do so not later than fourteen (14) days after the first day of instruction. Alternative accommodations are not retroactive, and no academic penalty will be imposed for an absence under the policy*. The request for an alternative accommodation will be kept confidential. Students with questions about a religious accommodation under Ohio's Testing your Faith Act may contact the College's Office of Academic Affairs: provost@owens.edu. The policy may be found on the Owens website: [3358:11-2-63 Accommodation for a Student Absence for the Observance of Religious Beliefs and Practices Policy](#)

Document Collection: Throughout the semester, your instructors may ask for a variety of assignments including tests and/or quizzes for student learning of institutional general education competencies or program assessment. Please save all your class materials until the end of the semester.

Classroom Admittance: OCC classes shall only be attended by the officially registered OCC students or perspective students, instructor of record, guest lecturer, or substitute. Visitors are not permitted to be in the classroom and should not be invited to attend or participate in the class. See [FERPA](#) regulations for more information.

Use of AI Tools: This course requires you to complete various assignments that assess your understanding and application of the course content. You are expected to do your own work and cite any sources you use properly. You are not allowed to use any artificial intelligence (AI) tools, such as chatbots, text generators, paraphrasers, summarizers, or solvers, to complete any part of your assignments. Any attempt to use these tools will be considered academic misconduct and will be dealt with according to the Owens Community College academic integrity policy. Students are expected to complete all work independently and without the assistance of AI-generated content. If you have any questions about what constitutes acceptable use of AI tools, please consult with the instructor *before* submitting your work.

Student Responsibilities & Instructor Expectations

Instructor Responsibilities:

- We will treat you and your classmates with dignity and respect.
- We will be flexible to support your individual needs.
- We will provide resources and support for you to be successful.
- We will make ourselves available through multiple communication channels.

Student Responsibilities:

- You will treat us and your peers with dignity and respect, too.
- You will schedule time to complete the work.
- You will tell us what would help you most to overcome barriers.
- You will let us know when life gets in the way or if something is not clear.

Attendance:

1. Attendance for all class/lab is required for success.
2. It is important that you attend every class session. Otherwise, you will miss out on the many learning activities that we will engage in.
3. Any absence or tardiness must be reported to the course instructor.

Absence

1. Owens realizes that circumstances beyond one's control may cause late arrival, early departure, or an absence (serious illness or accident for example).
2. In the event of an unforeseen circumstance, it is the student's responsibly to contact the course instructor immediately and appropriate documentation must be provided to the course instructor within 72 hours of the student's return in order to be eligible for an Excused Absence.
3. In the event of an unforeseen circumstance with documentation, late work is eligible for credit.
4. A planned absence may be requested for certain circumstances. If requested and granted, arrangements for a makeup test or exam must be made with the course director prior to the exam date.

5. An Unexcused Absence for three (3) class sessions may result in the lowering of the final grade by one letter grade. If you have an issue for not being able to attend class on time and/or staying for the entire session, please meet with me to develop a plan so you are able to complete the class materials and lab assignments.

How Grades are Determined and Major Assignments

Evaluation Measure The grade points for the areas of work are as follows.	Student Learning Outcomes Assessed	Value
Tests	1-5	40%
Homework	1-5	10%
Poster Presentation	1-5	10%
Quizzes	1-5	20%
Final Exam	1-5	20%
Total:		100%

Grading Scale

Grade	Percentage
A	90-100
B	80-89
C	70-79
D	60-69
F	59 or below

Tests (40% of the course grade): Tests will be completed online through blackboard. Tests offered through blackboard will have a specific time frame for completion. It is the student's responsibility to work within this time frame or contact the instructor with any problems encountered with Blackboard within this time frame. Test questions are composed of multiple choices, true or false, and matching questions. **Students who do not complete Tests within Blackboard time limit, still must take the test, but will receive a grade of zero.**

Homework (10% of the course grade): Homework will be available through blackboard and must be turned in on the due date. **Any late assignments will result in a zero grade.**

Poster Presentation (10% of course grade): The Poster Presentation will be due after spring break. Students are expected to work in groups to create a poster using Publisher or Google Slides from one of the given topics and present the poster virtually by a recording. (See rubric)

Quizzes (20%): Quizzes will be completed during the first 10 minutes of class. Quizzing helps prepare students for tests. Quizzes offered through blackboard will have a specific time frame for completion. It is the student's responsibility to work within this time frame or contact the

instructor with any problems encountered with Blackboard within this time frame. Quiz questions are composed of multiple choices, true or false, and matching questions. **Students who do not complete Quizzes within Blackboard time limit, still must take the test, but will receive a grade of zero.**

Final Exam (20% of the course grade): The final exam will be comprehensive and be given during the assigned time during Final Exam Week.

*** ALL grading criteria must be completed and passed at a 70%, regardless of the earned grade, in order to pass DAS 102 before the last day of the semester.**

Tentative Class Assignments

Week	Topic	Homework	Quiz / Test
1 DATE	Syllabus Review Chapter 6: General Anatomy	Syllabus Review Body Cavities and Planes Worksheet	Quiz 1
2 DATE	Poster Presentation Introduction Chapter 7 Part 1: General Physiology Chapter 7 Part 2: General Physiology	Poster Presentation Topics and Partners The Human Heart Worksheet	Quiz 2
3 DATE	Chapter 7 Part 3: General Physiology Chapter 7 Part 4: General Physiology	Poster Presentation Topics and Partners Due	Quiz 3
4 DATE	No New Topic	Poster Presentation	TEST 1
5 DATE	Chapter 8 Part 1: Oral Embryology and Histology	Poster Presentation	Quiz 4
6 DATE	Chapter 8 part 2: Oral Embryology and Histology Chapter 8 part 3: Oral Embryology and Histology	Poster Presentation Works Cited Due	Quiz 5
7 DATE	Chapter 9 Part 1: Head and Neck Anatomy	Poster Presentation	
8 DATE	Chapter 9 Part 2: Head and Neck Anatomy Chapter 9 part 3: Head and Neck Anatomy	Poster Presentation	Quiz 6

9 DATE	No New Topics	Poster Presentation Due	Test 2
10 DATE	Chapter 10: Landmarks of the Face and Oral Cavity	Nasal Coloring Worksheet Facial Coloring Worksheet	Quiz 7
11 DATE	Chapter 11: Overview of the Dentitions		Quiz 8
12 DATE	No New Topic		Test 3
13 DATE	Chapter 12: Tooth Morphology Part 1 Chapter 12: Tooth Morphology Part 2	Tooth Morphology Chart Assignment	Tooth ID Quiz
14 DATE	Chapter 17: Oral Pathology Part 1 Chapter 17: Oral Pathology Part 2		
15 DATE	Chapter 17: Oral Pathology Part 3 Chapter 17: Oral Pathology Part 4	Study for Final	Quiz 9
16 DATE	Comprehensive Final Exam		

Disclaimer: The instructor reserves the right to amend this syllabus as deemed necessary and will communicate such amendment to the students in the course. Please note that while unlikely, there is a possibility courses might need to change the delivery method due to external issues like public health concerns, weather issues, etc. If this happens, the college will communicate any changes via email and/or other communication methods.