



Figure 1: Owens Logo.

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

Course Name:	Preventive Practice II
Course & Section Number:	DHY 204-XXX
Meeting Day(s) & Time(s):	Lecture
Credits:	2
Contact Hours:	2
Text:	
Instructor's Name:*	
Office Hours & Location:	
OCC Phone:	
OCC Email:**	
Additional Contact Information:	

*Please call me (name); it is my preferred name. If you have a preferred name, please let me know so I can use it.

**Please use only Owens email for course communications.

Catalog description:

Introduces root planning, periodontal debridement, ultrasonic scaling devices, computerized assessment applications, oral irrigation, treatment of dentinal sensitivity, nutrition counseling and dental implants. [Program: Dental Hygiene Program, AAS \(Owens Code: DHYP\) - Owens Community College - Acalog ACMSTTM](#)

Prerequisite/Corequisites:

Prerequisite- DHY 102, DHY 103

Corequisites- DHY 205

Course Materials:

1. Bowen, D., and Pieren, J. (2020). *Darby and Walsh Dental Hygiene* (5th ed.). Maryland Heights, MO: Elsevier.
2. Gehrig, J. & Willmann, D. E. (2015). *Foundations of periodontics for the dental hygienist* (5th ed.). Wolters Kluwer. **ISBN:** 978-1-4963-8402-7
3. Davis, J.R., Stegeman, C.A. (2018). *The dental hygienist's guide to nutritional care* (6th ed.). Elsevier. ISBN 9780323797009
4. Owens Community College Dental Hygiene Program Radiology and Procedures Manual, Safety Manual, Pre- Clinic Handbook, Dental Hygiene Clinic/Lab Guide (2025-2026)

*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:

Course will...

Student Learning Outcomes:

Students will:

Outcome	Where Assessed
periodontal assessments and list the markers for periodontal disease.	Homework; Quizzes; Midterm; Final Exam
techniques and components of non-surgical periodontal instrumentation; specifically, power-driven scalers.	Homework, Quizzes; Midterm; Final Exam
the non-surgical supplemental procedures: root debridement, advanced instrumentation technique, alternate fulcrums and, antimicrobial therapies.	Homework; Quizzes; Midterm; Final Exam
the indications for and technique for air powder polishing.	Homework; Quizzes; Final Exam
nutritional factors which influence dental health and describe the steps for dietary assessments for the dental patient.	Homework; Quizzes; Final Exam
the role of nutrition in the caries process, gingivitis, periodontal disease, xerostomia, orthodontics, root caries, dentin hypersensitivity, oral surgery and dental appliances.	Homework; Quizzes; Final Exam
the indications and procedures for oral therapeutics: irrigation and mouth rinses.	Homework; Quizzes; Final Exam
the etiology and treatment of dental hypersensitivity.	Homework; Quizzes; Final Exam
the maintenance care for a patient with dental implants.	Homework; Quizzes; Final Exam
the effects of nicotine addiction and the dental hygiene care plan for tobacco cessation.	Homework; Quizzes; Final Exam
the factors which contribute to the recurrence of periodontal infection and the influence of maintenance intervals in maintaining oral health.	Homework; Quizzes; Final Exam
assessments, dental hygiene diagnosis, treatment planning, implementation and evaluation of treatment through Case Study Group Projects (in class), Nutritional Counseling Case (in class and report) and the Capstone Outline (report).	Homework; Quizzes; Final Exam
biofilm removal and reducing risk of caries and periodontal disease.	Homework; Quizzes; Final Exam
modifications to dental hygiene treatment.	Homework; Quizzes; Final Exam
communication and collaboration techniques in facilitating discussions and interactions that enhance team function and quality care with	Homework; Quizzes; Final Exam

Outcome	Where Assessed
other members of the health care team.	

Institutional General Education Competencies:

As a student at Owens Community College, you will take General Education courses as part of your degree program. While specific to the General Education courses, will be reinforced in many of your degree program major courses and may be measured in your capstone course(s) and others as identified.

Competency	Where Assessed
Communicate effectively.	Homework, Quizzes; Final Exam
Act with professional responsibility.	Homework, Quizzes; Final Exam
Demonstrate sensitivity to others' beliefs and values.	Homework, Quizzes; Final Exam
Think analytically, critically, and creatively.	Homework, Quizzes; Final Exam

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 permits you to use artificial intelligence (AI) tools, such as chatbots, text generators, paraphrasers, summarizers, or solvers, to get guidance on assignments, as long as you do so in an ethical and responsible manner. Essentially, you can think of these tools as ways to help you learn but not to entirely create work for assignments like discussion board posts, essays, presentation slides, and so on. AI is more like your tutor or TA, not a replacement for your independent thinking.

This means that you must:

- Not use AI tools to replace your own thinking or analysis or to avoid engaging

with the course content.

- Cite or explain any AI tools you use. Provide the name of the AI tool, the date of access, the URL of the interface, and the specific prompt or query you used to generate the output.
- Be transparent and honest about how you used the AI tool and how it contributed to your assignment. Explain what you learned from the AI tool, how you verified its accuracy and reliability, how you integrated its output with your own work, and how you acknowledged its limitations and biases.

You are accountable for any mistakes or errors made by the AI tool. Always check and edit the output before submitting your work. If you discover any inaccuracies or inconsistencies in the output after submission, notify the instructor immediately and correct them as soon as possible.

Using AI tools in an unethical or irresponsible manner, such as copying or paraphrasing the output without citation or transparency, using the output as your own work without verification or integration, or using the output to misrepresent your knowledge or skills, is considered a form of academic dishonesty and will result in a zero grade for the assignment and possible disciplinary action. If you have any questions about what constitutes ethical and responsible use of AI tools, please consult with the instructor **before** submitting your work.

NOTE: Some instructors will also list specific acceptable and unacceptable uses or include a statement like “All written assignments, projects, and exams must be completed independently.”

Student Responsibilities & Instructor Expectations

Attendance:

1. Attendance for all class/lab is recommended 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 should 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.
3. Late work is eligible for partial credit of 60%.
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. 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

The final course grade is to be computed using the following weights.

Evaluation Measure Assessed	Value	Student Learning Outcome
Quizzes:	35%	1-15
Midterm:	15%	1-8
Assignments:	5%	1-15
Capstone:	25%	1-15
Final Exam:	20%	1-15

Grading Procedure:

Grades will be calculated on the following scale.

92% and Above	A
85% to Less than 91%	B
77% to Less than 84%	C
60% to Less than 76%	D
Less Than 60%	F

Both D and F are failing grades and the course must be repeated.

Quizzes (35%) 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 are absent, late to class, or do not complete quiz within Blackboard time frame will not be allowed to take the quiz and will receive a grade of zero.**

If a student receives a "D" or "F" on a Quiz or Exam, the original grade is the recorded grade.

- If a "D" or "F" grade is recorded, students are required to pass the same exam or quiz at 92% to remain in the course.
- The retake must be successfully completed (92%) within one week of receiving the original (D or F) grade.
- Any retakes are not recorded in the final grade.
- After the second attempt, the student must have remediation with the Department Chair prior to the third attempt (within one week).
- Receiving a "D" or "F" grade on the third attempt will result in failure of the course.

Midterm (1 total / 15% of the course grade): Tests will be completed during class time or offered 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 are absent, late to class, or do not complete test within Blackboard time frame will not be allowed to take the quiz and will receive a grade of zero.**

Capstone and Nutritional Counseling (25% of the course grade): This capstone project is designed to provide the student with an opportunity to apply their knowledge of concepts and skills through an individually designed project. This project will also incorporate a nutritional counseling component that will allow the student to draw upon connections related to the patient's diet and overall oral health condition. Students will execute the project through the development and implementation of a patient treatment plan that culminates in a final paper and presentation on the specific Periodontal Stage I or greater case identified.

HESI Remediation:

Each student will be assigned mandatory HESI remediation after the test. Your score will determine how much remediation will need to be done.

HESI Score	Minutes of Remediation per Week
700+	60 minutes (1 hour)
650-699	90 minutes (1.5 hours)
550-649	120 minutes (2 hours)
500 and below	150 minutes (2.5 hours)

Tentative Assignment Calendar

Week	Date	Lecture Topic	Assignment/Quiz/Test	What to Bring to Class
1		Syllabus, Capstone, Nutritional Counseling Review Darby Chapter 30 Root Morphology and Instrumentation Implications PSR Periodontal Screening Recording Advanced Fulcruming Intra and Extra Oral Fulcruming (Advanced)	Read Darby chapter 30	Typodont Mini curets
2		Darby Chapter 33 Decision Making Related to Nonsurgical Periodontal Therapy	Quiz #1 (PSR, Advanced Fulcrums, Root Morphology and Instrumentation) Assignment due 11:59pm – Mr. Karns, read case study and devise a Care Plan Read Darby chapter 33	
3		Darby Chapter 29 Ultrasonic Instrumentation Shape Matters: Curved Inserts for Perio - Part 1: Furcation Adaptation https://www.dentsplysirona.com/en-us/academy https://www.dentsplysirona.com/en-us/academy/ce/courses.html Ultrasonic Tips Left and Right Ultrasonic Inserts Suctions options Y-Adapter Safety Suction Use	Quiz #2 (Decision Making Related to Nonsurgical Periodontal Therapy) Read Darby chapters 29 and 55	

		Darby Chapter 55 Respiratory Diseases		
4		Darby Chapter 42 Dentinal Hypersensitivity	Quiz #3 (Ultrasonics and Respiratory Diseases) Assignment Mr. Karns Case Study due 11:59pm Read Darby chapter 42	
5		Guest Speaker: Gayle Perry from HuFriedy Alternative Scalers and Curets Instrumentation Use of the 11/12 explorer Use of the 15/16 Use of the 17/18 Use of YG 7/8	Quiz #4 (Dentinal Hypersensitivity)	Typodont
6		Darby Chapter 48 Cardiovascular Disease	Read Darby chapter 48 Capstone Declaration Form Due	
7		Guest Webinar 1-2 Marie Markesbury from OraPharm presenting Arestin Guest Speaker 2-2:50 Anne Miller from Oral B Darby Chapter 27 Antimicrobial Agents for the Control of Periodontal Disease	Quiz #5 (Cardiovascular Disease) Read Darby chapter 27	
8		Darby Chapter 32 Tooth Polishing and Whitening pages 508-514 Subgingival Polishing	Quiz #6 (SDF and Antimicrobial Agents for the Control of Periodontal Disease)	

		EMS Air-flow Handy 3.0 Periodontal Polisher Cavitron Dentsply Air Powder Polisher Air Powder Polisher Setting up the APP Use and Adaptation of the APP Use of the APP on Orthodontic Patients Breakdown of the APP	Assignment Mr. Karns Chemotherapeutics due Read Darby chapter 32	
9		Midterm		
10		Darby Chapter 36 Nutritional Counseling The Dental Hygienists Guide to Nutritional Care chapters: 8- Vitamins Required for Calcified Structures 9- Minerals Essential for Calcified Structures 10- Nutrients Present in Calcified Structures 11- Vitamins Required for Oral Soft Tissues and Salivary Glands 18- Nutritional Aspects of Dental Caries 19- Nutritional Aspects of Gingivitis and Periodontal Disease 20- Nutritional Aspects of Alterations in the Oral Cavity 21- Nutritional Assessment and Education for Dental Patients Nutritional Counseling Packet	Quiz #7 (Air Powder Polishing) Read Darby chapter 36 Read The Dental Hygienists Guide to Nutritional Care chapters 8, 9, 10, 11, 18, 19, 20, 21	
11		HESI Exam	Assignment due - Mr. Karns Nutritional Counseling	

12		Darby Chapter 31 Dental Implants and Peri-Implant Care Implant Instruments	Quiz #8 (Nutrition) HESI Remediation due Read Darby chapter 31	
13		Darby Chapter 37 Tobacco Cessation Quit Assist Website CDC: Dental Professional Guide to Help Patients Quit Article: Tobacco Cessation and The Role of the Dental Hygienist	Nutritional Projects Due Quiz #9 (Implant Care) HESI Remediation due Read Darby chapter 37	
14		No Class: Thanksgiving Break	HESI Remediation due	
15		NDHB/CDCA Information Darby Chapter 40: Orthodontic Care	Quiz #10 (Tobacco Cessation) Capstone Projects due HESI Remediation due Read Darby chapter 40	
16		Comprehensive Final Exam	HESI Remediation due	

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.