

From: [Smith, Randy](#)
To: [Coates, Margo](#); [Ahlqvist, Ola](#)
Cc: [Marzette, Russell](#); [Sutherland, Sue](#); [Smith, Randy](#); [Griffiths, Rob](#); [Reed, Katie](#); [Duffy, Lisa](#); [Hunt, Ryan](#); [Humbel-Courtney, Julie](#); [Henderson, Rebecca](#); [Kearney, Rachel](#); [Trotman, Carroll Ann](#)
Subject: Proposal to revise the Dental Hygiene Honors Program
Date: Thursday, December 4, 2025 10:04:30 AM
Attachments: [image001.png](#)

Margo and Ola:

The proposal from the College of Dentistry to revise the Dental Hygiene Honors Program was approved by the Council on Academic Affairs at its meeting on December 5, 2025. Thank you for attending the meeting to respond to questions/comments.

As a condition of approval, the following additions are requested:

1. Please update the DENTHYG 4430E BSDH Capstone syllabi to reflect that honors students complete the following as part of the courses:

Example: Honors students complete additional work beyond the standard Capstone expectations. This includes creating supplementary materials appropriate to their placement, documenting these elements in their E-Portfolio, and submitting reflective entries on their development. Examples include creating teaching materials for TA-based Capstones or producing presentations, patient education resources, and anonymized case reports for clinical capstones

2. Please update the 419E Independent Study syllabi to reflect that DHY honors students will use the course primarily to complete non-major Category A independent study coursework (perhaps provide most common examples).

No additional level of internal review/approval is necessary. This action will be included in the Council's next [Annual Activities Report](#) to the University Senate (July 2026).

The Office of the University Registrar will work you with any implementation issues.

Please keep a copy of this message for your file on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions, including ones about the additions requested, please contact the Chair of the Council, Professor Sue Sutherland (.43), or me.

I wish you success with this important program development.

Randy



W. Randy Smith, Ph.D.

Vice Provost for Academic Programs

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September 17, 2025

Dr. Randy Smith
Vice Provost
Office of Academic Affairs
University Square South
15 E. 15th Avenue
Columbus, OH 43201

Dear Randy:

We are pleased to provide you with a proposal (attached) for a revision of the College of Dentistry, Division of Dental Hygiene (DHY) Honors Program Requirements.

In May 2025, the Division of Dental Hygiene Curriculum Committee reviewed and unanimously approved this proposed revision to the DHY Honors Program. On August 29, 2025 the Honors & Scholars Faculty Advisory Committee, which is the oversight committee that reviews and approves all proposed honors courses and programs, also approved the proposal.

We specifically want to point out a few notable features in this proposal:

- Minimum of 18 credit hours of Honors-Quality courses
- Completion of 45 points for required benchmarks (Honors and Graduate Coursework; Research, Scholarship and Teaching; Leadership and Service)
- Require completion of an Honors-enhanced ePortfolio, aligning with the University Honors standards

We are excited to work with the Division of Dental Hygiene as they embark on their journey by providing their students with this Honors opportunity. Please feel free to contact us if you have any questions.

Sincerely,

Ola Ahlqvist
Associate Vice Provost, Academic Enrichment
Executive Director, University Honors & Scholars Center

Julie Humbel-Courtney
Program Director, Honors

Cc: Rebecca Henderson, Interim Chair, Associate Clinical Professor, Division of Dental Hygiene

Undergraduate Honors Program Proposal

College of Dentistry, Division of Dental Hygiene

August 4, 2025

RE: Proposal to update DHY Honors curriculum and requirements:

Introduction:

The Division of Dental Hygiene Curriculum Committee is proposing several changes to the curricular honors requirements for the Bachelor of Science (BS) in Dental Hygiene. The dental hygiene honors requirements were last revised in 2012 during the transition from quarters to semesters. To align with the new University Honors Program Standards, the Division of Dental Hygiene (DHY) proposes to update the DHY Honors program to require students to fulfill the following components:

1. Minimum of 18 credit hours of Honors-Quality courses
2. Completion of 45 points for required benchmarks (Honors and Graduate Coursework; Research, Scholarship and Teaching; Leadership and Service)
3. Require completion of an Honors-enhanced ePortfolio, aligning with the University Honors standards.

Rationale:

The Honors and Scholars Faculty Advisory Committee approved a new University Honors Standard in May 2023. College units are expected to adopt the new Honors Standards within their own programs. The proposed changes to the DHY Honors program will align with the University Honors Standards. DHY plans to implement the revised program beginning with students who first enroll in Ohio State University beginning Autumn Semester 2025.

Updating to the new University Honors Standards coincides with needed updates to the DHY Honors program, namely revising the points required to complete the DHY Honors requirements and expanding options for required benchmarks to increase program accessibility. The existing DHY Honors program requires students to complete a minimum of 80 points from the following categories: Honors and Graduate Coursework; Research, Scholarship and Teaching; Leadership and Service in order to graduate with honors in dental hygiene. As requirements in the Dental Hygiene program have continued to evolve to meet accreditation requirements and industry standards we see less students completing the Honors program in DHY in order to focus on licensure requirements.

The basic structure of the DHY Honors program will remain the same, however, there is a need to update the points associated with each category and adding new opportunities to earn points in each category.

Proposed Revisions:

The first proposed change is to align with the new University Honors Standards: 18 credit hours of Honors-Quality courses (instead of six Honors courses). The Honors-Quality course definition has been updated to encompass a wider range of courses, not solely H or E-designated courses, due to a limited amount of H/E courses offered outside of 1000-3000 level GE courses. In the existing DHY honors requirements students are required to complete six honors courses prior to starting in the DHY program and a minimum of six credits while in the DHY program. The new University Honors Standards requires students to complete 18 credit hours of Honors-Quality course work prior to graduation and allows for more flexibility while progressing toward degree completion.

The following options fulfill Honors-Quality courses:

- Honors (H-designated) or Honors Embedded (E-designated) courses
- 4000-level or higher courses outside of primary major program requirements (GE, 2nd Major, Minor, and electives are eligible)
- Research credits with faculty

- Independent Study credits outside of the primary major program with faculty
- Study Abroad credits (up to 9 credits)
- Graduate level courses (by permission)

The second proposed change is to develop four new honors embedded courses in the DHY program. Developing courses within the dental hygiene curriculum will provide students an opportunity to enrich their hygiene academic experience. Currently the DHY program has one honors embedded course DENTHYG 3210E available for students pursuing the honors program to complete from within the major. The DHY program plans to adapt the following courses in the current curriculum into honors embedded courses; DENTHYG 2400 – Scientific Inquiry, DENTHYG 3400- Research Application and Analysis, DENTHYG 4193 – Individual Studies in Dental Hygiene, and DENTHYG 4430 – Dental Hygiene Capstone.

The third proposed change is to reduce the number of points required for DHY students to complete the DHY Honors program. The existing DHY Honors program requires students to complete a minimum of 80 points from the following categories: Honors and Graduate Coursework (minimum 24 points); Research, Scholarship and Teaching (minimum 15 points); Leadership and Service (minimum 15 points) in order to graduate with honors in dental hygiene. Students are required to achieve a minimum in each category, however, they need to exceed the minimum in some categories to earn the full 80 points. The proposed revision will require students to complete a minimum of 45 points from three categories: Honors and Graduate Coursework (minimum 18 points); Research, Scholarship and Teaching (minimum 15 points); Leadership and Service (minimum 10 points) and two points that can be earned in either Research, Scholarship and Teaching or Leadership and Service in order to graduate with honors in dental hygiene.

The revision allowed us to evaluate the amount of points awarded for tasks assigned in each category and remove barriers for students that want to finish the DHY Honors program. It also provided the opportunity to add new tasks that would help students enhance their educational experience and eliminate items that may no longer be relevant for our students completion.

Implementation:

Students who first enrolled in Ohio State University during Autumn Semester 2024 and beyond will follow the new honors program, as it will align with the implementation of university honors standards. Current DHY Honors students can graduate under their existing Honors requirements or update to the new requirements.

Student Eligibility:

Students can either be admitted to OSU as Honors students or earn Honors status by completing 12 credit hours of college coursework at OSU and earning a 3.5 CPHR or higher and then applying for Honors. All eligible students must enter the Honors status no later than autumn of the second year and have a plan for completing 18 Honors-Quality credit hours.

College of Dentistry Approval Process:

The proposed changes were brought forth and discussed within the Dental Hygiene Curriculum Committee. The proposal was evaluated and approved by the Division of Dental Hygiene Curriculum Committee, the College of Dentistry Associate Dean of Pre-Doctoral Education and Student Life, as well as the full dental hygiene faculty on April 30, 2025.

DHY Honors Requirements:

DHY Honors Requirements Prior to AU24

Yearly Honors Program Requirements

End of DENTHYG 3 year - Cumulative OSU GPA of 3.5, dental hygiene GPA of 3.5, completion of six honors or upper division courses, and completion of at least 30 points or recommendation of faculty advisor.

Graduation

Students need a minimum of 80 points for graduation with honors in dental hygiene. These points must be earned from each of the three categories 1) honors and graduate coursework; 2) research, scholarship and teaching; and 3) leadership and service. Students who complete 80 points to include an honors thesis will graduate with honors research distinction in dental hygiene.

1. Honors and graduate coursework - At least 24 points must be earned by completing Honors courses or graduate- level courses while an undergraduate student. One point is earned for every credit hour completed. A minimum of six (6) points must be within the dental hygiene major.
2. Research, scholarship and teaching - At least 15 points must be earned by completing research, scholarship, and teaching through the following opportunities:

Honors thesis	30
Minor	20
One semester of study abroad	20
Submit a research paper for publication in a refereed journal	10
Present a research study at the Denman Undergraduate Research forum or a professional conference	10
Serve as a teaching assistant	1 per credit hour
Successful completion of a foreign language through 1103 (104 quarters) plus one additional course	15
Complete DH H4193	2 per credit hour (maximum 10)
Participate in the College of Dentistry Summer Research Program	20
Other as approved by the Honors committee	1-10

3. Leadership and service: At least 15 points must be earned by completing service and leadership activities, which go beyond the clinical and service – learning requirements for the major. Service projects must be approved in advance by the faculty advisor and documented following completion of the project. Each activity may count in only one of the categories below.

Leadership of a student-organized project for recruitment or community-based outreach and engagement activities	1-5 per project (maximum of 10)
Active member of college or university committee	5 per year (maximum of 5)

Participation in honors activities (e.g., fireside chats, lunch and learn, dinner and dialogue)	1 point per event (maximum of 5)
Service project through Honors & Scholars	5-20 per project (maximum of 20)
Attend and participate in a national professional conference	5 per conference
Attend and serve as a delegate at a state professional conference	5 per conference
Attend and serve as a delegate at a national professional conference	10 per conference
Other as approved by the Honors Committee	1-10

DHY Honors Requirements AU24 and Beyond

Yearly Honors Program Requirements

End of DENTHYG 3 year - Cumulative OSU GPA of 3.5, dental hygiene GPA of 3.5, completion of 18 credits of honors or upper division courses, and completion of at least 30 points or recommendation of faculty advisor.

Graduation

Students need a minimum of 45 points for graduation with honors in dental hygiene. These points must be earned from each of the three categories 1) honors and graduate coursework; 2) research, scholarship and teaching; and 3) leadership and service. Students who complete 45 points to include an honors thesis will graduate with honors research distinction in dental hygiene.

Structure of the Honors Contract

Category A Honors and Graduate Coursework	18 points (1 point per credit hour)
Category B Research, Scholarship, and Teaching	15 points
Category C Leadership and Service	10 points
Overall Total	45 points <ul style="list-style-type: none"> • 2 points float between categories B and C

Required Benchmarks

Year 1	<ul style="list-style-type: none"> • Category A: complete 9 credit hours (9 points) • Earn a 3.5 CPHR or higher at the end of spring semester
Year 2	<ul style="list-style-type: none"> • Category A: complete 9 credit hours (18 points total) • Earn a 3.5 CPHR or higher at the end of spring semester
Year 3	<ul style="list-style-type: none"> • Earn a 3.5 CPHR or higher at the end of spring semester • Earn a 3.5 Dental Hygiene major CPHR at the end of spring semester • Completion of at least 30 points or recommendation of faculty advisor

Year 4	<ul style="list-style-type: none"> • Complete all requirements of the Honors program by 2nd Friday of graduation semester: <ul style="list-style-type: none"> ○ Category A: 18 points ○ Category B: 15 points ○ Category C: 10 points ○ 2 points float between Category B and C to reach 45 points total • Submit final verifications for contract experiences no later than the 2nd Friday of your graduating semester • Earn a final CPHR of 3.5 or higher
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Category A: Honors and Graduate Coursework - Honors and graduate coursework - At least 18 points must be earned by completing Honors courses or graduate- level courses while an undergraduate student. One point is earned for every credit hour completed.

Honors Quality Courses (Ex. Psych 1100H, Embedded Honors courses)	1 point/hour
Graduate level courses (6000+ by permission)	1 point/hour
4000-level courses outside of primary major program requirements (GE, 2 nd Major, Minor, and electives are eligible)	1 point/hour
Research credits with faculty	1 point/hour
Independent Study credits outside of the primary major program with faculty	1 point/hour
OSU Study Abroad credits (up to 9 credits)	1 point/hour

Additional Criteria:

- Honors students are encouraged to take a significant portion of their General Education coursework at the Honors or upper division level, in order to capitalize on the enriched learning experiences incorporated into the design of these courses.
- All courses must be graded A-E to meet Category A requirements.
- If an Honors Thesis is counting in Category B, students cannot also count Honors research courses (4999H, 4998H, etc.) on Category A. If not counting thesis in Category B, students can count up to 6 hours of 499X in Category A.
 - Unlimited counting in Category A if the minor/major IS NOT being used in Category B
 - 6-credit hour maximum in Category A if the minor/major IS being used in Schedule B
- English 1167H cannot be counted in Category A.
- If credit from another university transfers to Ohio State as an Honors course, it can count on the Honors Contract.
- Honors Survey courses cannot count on the Honors Contract.
- If an Honors course from another university transfers to Ohio State as a non-Honors course (but was completed as an Honors course at the original university), it will count on the Honors Contract (maximum of 9 points).

Category B: Research, Scholarship and Teaching - At least 15 points must be earned by completing research, scholarship, and teaching through the following opportunities:

Honors thesis	20 points
Honors Capstone	10 points
Minor	10 points
Semester-long education abroad <ul style="list-style-type: none"> • Includes enrollment in Ohio State Education Abroad Course 	15 points

<ul style="list-style-type: none"> • Minimum 8 weeks of an international experience 	
Service Learning Abroad <ul style="list-style-type: none"> • Includes enrollment in an Ohio State Service Learning Abroad Course or OIA-approved official OSU non-credit bearing experience • Minimum 7 days of an international experience 	5 points (Additional 5 points in Schedule C - Service)
Short Term Education Abroad <ul style="list-style-type: none"> • Includes enrollment in an Ohio State Education Abroad Course • Minimum 7 days of an international experience • Complete College of Dentistry approved Global Initiatives program 	5 points (10 max)
Second-Year Transformational Experience Program (STEP) <ul style="list-style-type: none"> • Completion of year-long program • Can count signature project separately, if it aligns with Honors Contract 	10 points
Submit a research paper for publication in a refereed journal	10 points
Present a research study at the Denman Undergraduate Research forum, CoD Research Day, or a professional conference	10 points
Serve as a teaching assistant – separate from capstone experience	5 points (maximum 10)
Successful completion of a foreign language through 1103 (104 quarters) plus one additional course	15 points
Complete DHY 4193E	2 per credit hour (maximum 10)
Participate in the College of Dentistry Summer Research Program	20 points
Other as approved by the Honors committee	1-10 points

Additional Criteria:

- Minor must be finished at the time of completion of the Dental Hygiene degree.
- Upper division courses (4000-level or above) not being applied to degree requirements and ONLY counting for a minor or second major:
 - o Unlimited counting in Category A if the minor/major IS NOT being used in Category B
 - o 6-credit hour maximum in Category A if the minor/major IS being used in Schedule B
- Information on Education Abroad programs at OSU can be found at: <https://oia.osu.edu/units/global-education/>. Coursework associated with an education abroad experience cannot be used towards Category A requirements if the experience is being claimed in Category B.
- Buck-I-Serv trips meet service requirements rather than education abroad requirements.
- For peer-reviewed journals and publications: student can be anywhere on author list. Will count on Honors Contract if already accepted, or if submitted and under review.
- For undergraduate research journals: student must be first author. Will only count on Honors Contract if already accepted
- Completion of 4193 research hours cannot be double counted in Category A and/or a thesis.
- Information on the Second-Year Transformational Experience Program (STEP) can be found at: <https://step.osu.edu/>. Verification of meeting attendance, approved proposal, and project completion from faculty advisor will be required.

Category C: Leadership and Service - At least 10 points must be earned by completing service and leadership activities, which go beyond the clinical and service learning requirements for the dental hygiene major. Service projects must be approved in advance by the dental hygiene honors advisor and documented following completion of the project. Each activity may count in only one of the categories below.

Leadership of a student-organized project for recruitment or community-based outreach and engagement activities	1-5 points/project (maximum of 10)
Active member of college or university committee	5 points

<ul style="list-style-type: none"> • 1 year in position 	
Officer position in Ohio State student organization <ul style="list-style-type: none"> • 1 year in position 	5 points
Participation in honors activities (e.g., FYE Sessions, fireside chats, lunch and learn, dinner and dialogue)	1 point per event (maximum of 5)
Buck-I-Serv Trip <ul style="list-style-type: none"> • Does not meet education abroad requirements. 	5 points/trip
Complete so many hours beyond required Community Engagement requirement – 35 hours required	5 points
Participate in a leadership-based training series or conference	10 points/conference
Attend and participate in a national professional conference	5 points/conference
Attend and serve as a delegate at a state professional conference	5 points/conference
Attend and serve as a delegate at a national professional conference	10 points/conference
Other as approved by the Honors Committee	1-10

Additional Criteria:

- For an experience to meet Category C requirements, students cannot be compensated in any way for their time, including monetarily or through course credit.
- Leadership positions must be held for an entire academic year. If an experience is only held for one semester, it will not meet requirements. Half points are not permitted.
- Buck-I-Serv trips meet volunteer service requirements. They do not meet education abroad requirements. Students are only permitted to count the hours spent volunteering on the trip and not the miscellaneous hours (i.e. traveling, eating, free time, sleeping, etc.). Depending on the trip, most students serve 30-40 hours.

Honors e-Portfolio:

Submit a completed Honors ePortfolio workbook as part of their honors contract. The Honors ePortfolio is provided from the University Honors & Scholars Center at the beginning of student’s first semester at the university.

Honors Contract Exception Petition:

In order to list an “Other, as approved by the Division of Dental Hygiene Undergraduate Honors Committee” experience on your honors contract, you must have the experience pre-approved via a petition, so prior planning must be enacted in order to meet deadlines to maintain honors status. Experiences to complete the honors contract are planned in the first and second years of a student’s undergraduate career, so students are not permitted to submit a petition during their final semester of enrollment.



Course Director	E-mail	Office location	Office hours
Beth Chartier	chartier.16@osu.edu	Postle Hall 3040E	by appointment

Course Description

2 credits

In-Person: Thursdays 12:30 – 2:25 pm (May 8th – June 26) 9:30 – 11:30 am (July 3rd – July 24th)

(Postle Hall – Room 3089A (5/8, 5/15, 5/22 (asynchronous), 5/29, 6/5, 6/12, 6/26, 7/3 (asynchronous), 7/10, 7/17, 7/24, 7/28 Final Exam)

This course will provide the dental hygiene student with an understanding of his/her role in the community as well as the basic principles of community oral health. Additionally, this class will provide the necessary knowledge and skills for the dental hygienist to promote oral health, deliver an effective educational program to community groups as well as interact with fellow professionals and the public in an ethical and responsible manner. The core content of this course includes: the role of the dental hygienist in the prevention and control of oral disease, epidemiological patterns of oral disease, assessment of community needs, approaches to community program development, methods and resources utilized in providing oral health care. The goals of the course director are to share up to date issues that face dental hygienists in the community and discuss programs to address these issues. Through a Community Outreach Project, students will see the applicability of this information in addressing the needs of their chosen population group.

As part of the honors curriculum, students enrolled in this course are expected to complete additional assignments designed to deepen their engagement with the material. Successful completion of these requirements is necessary to fulfill the honors component of the course

Philosophy of Teaching Statement

Learning is a dynamic process that requires both the teacher and students to be engaged and prepared. Courses are more meaningful and enjoyable when we all bring our wealth of background experiences and curiosity to the classroom and work together to find answers to the questions of not only how best to treat each individual patient, but to increase the greater health of the public.

The course director reserves the right to make changes to the syllabus when necessary or beneficial to meet the objectives of the course, compensate for missed classes or schedule changes, or for other legitimate reasons. Students will be notified of any such changes to the syllabus in adequate time to adjust to the changes.

Instructional Objectives

Upon completion of DENTHYG 3210 the student will be able to:

1. Define Health and Wellness
2. Define the domains of public health and discuss the criteria for identifying a public health problem and ideal solutions
3. Differentiate between the various forms of prevention in a community health context
4. Identify the core functions of a community health program
5. Compare and contrast the dental hygiene process of care on the individual and community level.
6. Summarize the role of government agencies in community oral health.
7. Analyze the Surgeon General's Report and Healthy People 2030 to assess the oral health care needs of a population and develop strategies to meet those needs
8. Define epidemiology and its uses and describe how distribution and frequency of disease within a population is measured
9. Analyze the interplay of host, agent, and environment in the oral disease process
10. Apply database information to evaluate epidemiological trends at the county, state, and national levels
11. Compare and contrast various types of epidemiologic studies and evaluate their application in assessing oral health needs
12. Explain the principles of research including data collection methods, sampling techniques, and the components of evidence based practice in public health
13. Explore the role that cultural competency in addressing the needs of our patients in a community setting.
14. Explore tobacco cessation programs at the community level
15. Recognize the importance of mentorship and create an informational poster to demonstrate the knowledge gained from a literature review
16. Conduct interviews and data collection to analyze the oral health needs of a population and develop evidence-based solutions
17. Develop a community outreach program by identifying needs, defining goals, and outlining objectives
18. Apply evidence based practices to execute a community outreach project, ensuring alignment with program goals and objectives
19. Design evaluation tools to measure the outcomes and impact of the community outreach project
20. Analyze the various parts of a scholarly article
21. Develop a lesson plan to address the defined needs of a target population using age and cultural relevance
22. Explore methods of oral health education
23. Compare and contrast health education and promotion theories
24. Understand the criteria and methodology used in common dental indices to assess oral health.
25. Explore the prevention of oral diseases at the community level
26. Discuss the mechanisms of payment for dental services in the US
27. Explore the future of dental care delivery
28. Analyze the various oral health challenges faced by different populations in public health
29. Identify key ethical and legal challenges in public health practice
30. Discuss how age, race, ethnicity, gender identity, and SES impact how individuals perceive and receive oral health care
31. Evaluate the success of a community outreach project

Program Competencies Assessed

CA*Goal 2 of the Ohio State University Dental Hygiene Program states: Dental hygienist graduates will value their responsibility to the community by supplying community service and outreach.

Competency Assessed in Course	Assignment	Threshold
<ul style="list-style-type: none"> • Competency 2.1: Embrace social responsibility by initiating and participating in the delivery of oral health care and education in the community. • Competency 2.2: Assess the needs of a population, available resources, implement an action plan and evaluate the outcomes 	<p>2.1 is met by completing the Community Service Log and reflecting on the experiences.</p> <p>2.2 is met by the completion of the Community Outreach Project at an ≥85% level.</p> <ul style="list-style-type: none"> • Failure to complete the Community Outreach Project will result in an incomplete for the course. • Failure to complete the implementation of the Community Outreach Project according to the plan that was approved by course director will result in an incomplete for the course 	<p>Example: ≥85%</p>

- CA* denotes course assignments that are used for a program competency assessment.

Any student who does not meet the threshold will be required to remediate on the assignment to successfully complete the course.

Full list of program goals & competencies and their assessments are located in the program manual pg. 36-38
https://dentalintranet.osu.edu/system/files/program_manual_5.pdf

Embedded Literacy Assessed

NA

Textbook(s)

Required Text: Dental Public Health & Research Contemporary Practice for the Dental Hygienist by Christine Nathe, 4th edition. (This textbook is also very helpful for 2400 and 3400)

Recommended Text: Teeth by Mary Otto

Course Materials

Carmen will be utilized for communication, course announcements and sharing course materials including lecture slides. It is expected you will visit your Carmen page for this course frequently. Learning technology that will be used in this course includes online learning programs and audience response systems. Teaching methods for this course will include lectures and flipped classroom learning activities.

Evaluation & Grading

Assessment / #	Points	Total Points	% of grade	Instructional Objective(s) Assessed
Quiz - 7		35	20	
Week 1	5			1-7
Week 2	5			8 - 12
Week 4	5			16-19
Week 5	5			21-23
Week 6	5			24, 25
Week 8	5			26,27
Week 9	5			28,29
Assignments - 12		177	30	
Discussion Post	10			30
Database Practice	10			10
Indices Practice	10			24
Group Names and Site Location	2			NA
Scholarly Article Practice	10			20
Logic Model	5			17
Data Collection	5			19
Tobacco Cessation	10			14
Community Project guidelines	5			12, 18, 19

Informational Poster Draft Mentor meetings - 2	70			15
Cultural Competency Modules	20			13
Scholarly Article Practice	10			20
Community Outreach Project - 3		85	30	
Needs Assessment Report and Literature Review *Location of site as well as entire assignment will be completed Independently	30			6, 7, 16
Program Planning and Lesson Plan Report *Apply for community small grant	35			17 - 20
Presentation on Community Oral Health Programs *Completed Independently	20			31
Final Exam - 1	70	70	20	1-30
		367		

Grading Scale		Assignment Overview
93 – 100	A	<p>CA* Community Outreach Project: This group project involves choosing a community site and population group to work with. For this project, the group will assess the needs, plan a behavioral change and education program, implement the program, and evaluate the program. The evaluation part will be completed as part of the Autumn DH 3400</p> <p>*The threshold for competence for this assignment is $\geq 85\%$. Any student who does not earn a score of 85% or higher will be required to remediate on the assignment to successfully complete the course</p> <p><i>*As part of the honor curriculum, the entirety of the Community Outreach Program will be completed independently, including applying for a community grant.</i></p> <ul style="list-style-type: none"> <i>Student will locate an appropriate site location at which to implement project</i>
90 – 92	A-	
87 – 89	B+	
83 – 86	B	
80 -82	B-	
77- 79	C+	
73 – 76	C	
70 – 72	C-	
67 – 69	D+	
60 – 66	D	
< 59	E	

	<ul style="list-style-type: none"> • <i>Needs assessment interview of site supervisor as well as Needs Assessment Report assignment will be completed independently</i> • <i>As part of the Program Planning Report, the student will locate an appropriate small grant, create a proposal, and apply for grant</i> • <i>Presentation on Community Outreach Program will be completed independently</i> <p>Quizzes: Quizzes will be a combination of multiple choice and case-based multiple choice</p> <p>Final Exam: Multiple choice case-based test</p> <p>- All assignments that require uploading a document to Carmen must be submitted in a Microsoft Office Word document (unless another type of fillable document, such as a PDF, is provided for you. Microsoft Office software is free for all Ohio State students. Instructions for downloading and installing can be found here: https://go.osu.edu/microsoftoffice</p>
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Course Policies & Procedures

Attendance

The College of Dentistry’s Student Attendance Operating Procedure indicates that students are expected to attend all scheduled course activities, on time and for the entire session.

All absences must be reported to Student Affairs via the absence qualtrics form <https://go.osu.edu/dentistryabsence> in advance of the absence. If the student is unable to report the absence in advance, it must be reported within 48 hours of returning to class.

Please include your class year, dates you will be absent, and any additional information you deem relevant.

Attendance in every dental hygiene class is expected. Attendance is taken at the beginning of each class and the final grade may be lowered for students who do not meet the expected attendance requirements as stated in the course syllabus. Students who arrive late are encouraged to join the class and should make an effort to do so without disrupting the class, but late arrivals may not be counted as having attended that day.

The full attendance policy is available on the Student Affairs page of the college Intranet <https://dentalintranet.osu.edu/student-affairs/content/compliance>.

A Student Affairs staff member will notify the course director of the absence, and whether the absence is excused or unexcused per the established policy.

Attendance and Academic Progress

Students that exceed 5 (excused or unexcused) absences in total per semester will be required to meet with the Academic Program Services Senior Analyst to discuss the attendance policy. At 10 absences, the student will be asked to appear before the DH Academic Progress Committee and may result in a delay of graduation.

Weather or other short-term university closing

Should in-person classes be canceled, I will notify you as to which alternative methods of teaching will be offered to ensure continuity of instruction for this class. Communication will be via Carmen Canvas.

Students who reported (per the policy) to have an excused absence:

Activity	Consequences for EXCUSED absences for DENTHYG 3210
Assignments	Assignments will remain open 1 week after the due date. For every day late, there will be a reduction of 5%. A score of zero will be recorded if assignment is not completed within a week after the due date, specified in Carmen/syllabus
Quiz	Contact the course director immediately to take a make-up quiz for full credit.
Community Outreach Project	Students are REQUIRED to participate in ALL aspects of the Community Outreach Project. If Student Affairs determine an absence to be excused, course director will issue an alternate assignment
Final Exam	Contact course director promptly to complete a makeup version of the final exam for full credit.
Participation	A score of zero will be recorded

In this course, students who are reported (per the policy) to have an unexcused absence for missing a course activity that impacts the final course grade:

Activity	Consequences for UNEXCUSED absences for DENTHYG 3210
Assignments	A score of zero will be recorded.
Quiz	A score of zero will be recorded.
Community Outreach Project	A score of zero will be recorded, which will require course remediation.
Final Exam	Contact the course director promptly to complete a makeup version of the final for half credit
Participation	A score of zero will be recorded

Final course grade below C-

Students who do not successfully complete this course (grade of 'D+', 'D' or 'E') must repeat the course prior to graduation. Students MAY be eligible to participate in a remediation program that would allow the student to repeat the course in a revised format before it is regularly offered the following year. The remediation program will be determined by the course director as described below to meet the needs of each student. Final determination as to whether and how a student will be allowed to remediate this course will be made by the Academic Progress Committee considering the student's academic history and in consultation with the course director. All students with a grade below C- in any dental hygiene course will be put on academic probation and will be subject to the conditions of probation as described in the probation letter.

Remediation

If a student is permitted to remediate this course, the student will be enrolled in the course for a second time. The remediation program will involve:

- Retake the course the next time it is offered.

The final course grade for the second enrollment will be determined by the following method/calculation:

The final course grade will be determined using the grading scale above.

If the student does not successfully complete the remediation program as described above the student will earn a failing grade ('D+', 'D' or 'E') for the second course. Whether the student passes or fails the second course, the failing grade for the original course will remain on the student's transcript. Students who fail the second course will be subject to the conditions of academic probation; students may have an opportunity to retake the course the next time it is offered or may be dismissed from the dental hygiene program as determined by the Academic Progress Committee.

Mobile Device Statement

The use of mobile devices (e.g. computers, notebooks, phones) for course purposes is acceptable. Minimizing engagement in non-course related activities demonstrates professionalism and is encouraged to focus attention on learning, minimize disruption and foster respect for course instructors.

Email responses statement

Emails will be responded to within 24 hours of receiving them Monday-Friday 8a.m - 5p.m. There is no guarantee that email will be checked on the weekend. Please be patient with the responses and please keep the 24 hours in mind.

Evaluation responses statement

Feedback on graded activities will be provided in a timely manner. If deviation from the timeline needs to occur, the faculty member will promptly communicate the alternative.

Activity	Estimated Timeline for Communication of Student Evaluation
Example: Quiz	Example: Assessment of quizzes will occur within one week of due date.
Writing Assignment	Assessment of writing assignments will occur within two weeks of due date.
Discussion Activities	Assessment of discussion activities will occur within two weeks of due date.
Final Exam	Assessment of final exam will occur within one week of due date.

Dental Hygiene Program manual:

https://dentalintranet.osu.edu/system/files/dhy_program_manual22-23revised.pdf

Course Schedule & Instructional Objectives

*All content presented by the course director unless otherwise noted.

In-Person instruction in Postle Hall 3089A unless otherwise specified in Carmen/syllabus

Week/Day/Date/Location	Content Topic	Instructional Objectives	Class Preparation Reading / Activity	Assignment Due
<p>Week 1</p> <p>May 8th– May 14th</p> <p>Class: Thursday May 8th 12:30 – 2:25 p 3089A</p>	<p>Syllabus Review</p> <p>Community Outreach Project Overview</p> <p>Introduction to Community Oral Health (Public Health/Dental Public Health)</p>	<p>Define Health and Wellness</p> <p>Define the domains of public health and discuss the criteria for identifying a public health problem and ideal solutions</p> <p>Differentiate between the various forms of prevention in a community health context</p> <p>Identify the core functions of a community health program</p> <p>Compare and contrast the dental hygiene process of care on the individual and community level.</p> <p>Summarize the role of government agencies in community oral health.</p> <p>Analyze the Surgeon General’s Report and Healthy People 2030 to assess the oral health care needs of a population and</p>	<p>Nathe</p> <p>Readings and videos in Carmen</p>	<p>Honors - Site location Identified <i>Due May 14th by 11:59 pm</i></p> <p>Quiz on guidelines for Community Outreach Project <i>Due May 14th by 11:59 pm</i></p> <p>Quiz on content from week 1 <i>Due May 14th by 11:59 pm (quizzes will be open for 24 hours)</i></p> <p>Quiz: Schedule a date to meet with your Informational Poster mentor <i>Due May 14th by 11:59 pm (Mentor meeting form due June 4th)</i></p> <p>Study Guide Week 1 (optional)</p>

		develop strategies to meet those needs		
<p>Week 2</p> <p>May 15th – May 21st</p> <p>Class: Thursday May 15th 12:30 – 2:25 pm 3089A</p>	<p>Introduction to Epidemiology and Oral Epidemiology</p> <p>Research Design in Public Health</p> <p>Introduction to using databases</p> <p>Assign Site Locations</p>	<p>Define epidemiology and its uses and describe how distribution and frequency of disease within a population is measured</p> <p>Analyze the interplay of host, agent, and environment in the oral disease process</p> <p>Compare and contrast various types of epidemiologic studies and evaluate their application in assessing oral health needs</p> <p>Explain the principles of research including data collection methods, sampling techniques, and the components of evidence-based practice in public</p> <p>Apply database information to evaluate epidemiological trends at the county, state, and national levels</p>	<p>Nathe Readings and videos in Carmen</p>	<p>Quiz on week 2 content <i>Due May 21st by 11:59 pm</i></p> <p>Database Practice Assignment <i>Due May 21st by 11:59 pm</i></p> <p>Study Guide Week 2 (optional)</p> <p>Honors - Call your site supervisor and conduct the needs assessment interview. This is to be completed independently</p>
<p>Week 3</p>	<p>Cultural Competency</p>	<p>Explore the role that cultural competency in addressing the needs of</p>	<p>Nathe</p>	<p>Cultural Competency Modules</p>

<p>May 22nd – May 28th Asynchronous</p>	<p>Tobacco Cessation at the Community Level</p>	<p>our patients in a community setting.</p> <p>Explore tobacco cessation programs at the community level</p>	<p>Readings and Video Content in Carmen</p>	<p><i>Due May 28th by 11:59 pm</i></p> <p>Tobacco Cessation Quiz <i>Due May 28th by 11:59 pm</i></p> <p>Indices Quiz <i>Due May 28th by 11:59 pm</i></p> <p>Study Guide Week 3 (optional)</p> <p>Conduct needs assessment interview and begin working on needs assessment report</p>
<p>Week 4</p> <p>May 29th – June 4th</p> <p>Class: Thursday May 22nd 12:30-2:25 pm 3089A</p>	<p>Oral Health Needs Assessment Program planning, Implementation, and Evaluation</p>	<p>Conduct interviews and data collection to analyze the oral health needs of a population and develop evidence- based solutions</p> <p>Develop a community outreach program by identifying needs, defining goals, and outlining objectives</p> <p>Design evaluation tools to measure the outcomes and impact of the community outreach project</p>	<p>Nathe</p> <p>Readings and videos in Carmen</p>	<p>Mentor Meeting Assignment for Informational Poster <i>Due June 4th by 11:59 pm</i></p> <p>Quiz on week 4 content <i>Due May 28th by 11:59 pm</i></p> <p>Scholarly Article Practice Assignment <i>Due May 28th by 11:59 pm</i></p> <p>End of Module Survey <i>Due May 28th by 11:59 pm</i></p>

				<p>Study Guide Week 4 (optional)</p> <p>Work on Needs Assessment Report</p>
<p>Week 5</p> <p>June 5th – June 11th</p> <p>Class: Thursday June 5th 12:30-2:25 pm 3089A</p>	<p>Lesson Planning</p> <p>Methods of oral health education</p> <p>Cultural Aspects of Education</p>	<p>Develop a lesson plan to address the defined needs of a target population using age and cultural relevance</p> <p>Explore methods of oral health education</p> <p>Compare and contrast health education and promotion theories</p>	<p>Nathe</p> <p>Readings and videos in Carmen</p>	<p>Quiz on week 5 content <i>Due June 11th by 11:59 pm</i></p> <p>PART 1 OF COMMUNITY OUTREACH PROJECT: Honors - Needs Assessment Report and Literature Review completed independently <i>Due June 11th by 11:59 pm</i></p> <p>Begin work on Logic Model with group *Sign up to meet with Ms. Chartier to go over Logic Model (must be complete at time of meeting)</p> <p>Study Guide Week 5 (optional)</p>

<p>Week 6</p> <p>June 12th – June 18th</p> <p>Class: Thursday June 18th 12:30 – 2:25 pm 3089A</p>	<p>Oral health indices</p> <p>Prevention and control of oral diseases</p>	<p>Understand the criteria and methodology used in common dental indices to assess oral health.</p> <p>Explore the prevention of oral diseases at the community level</p>	<p>Nathe</p> <p>Readings and videos in Carmen</p>	<p>Quiz on week 6 content <i>Due June 18th by 11:59 pm</i></p> <p>End of Module Survey <i>Due June 19th by 11:59 pm</i></p> <p>Sign up to discuss logic model with Ms. Chartier <i>**This must be completed before you can implement your Community Outreach Project</i></p> <p>Study Guide Week 6 (optional)</p>
<p>Week 7</p> <p>June 19th – June 25th Juneteenth – no class</p>				<p>Work on Program Planning Report</p>
<p>Week 8</p> <p>June 26th – July 2nd</p> <p>Class: Thursday June 26th 12:30 – 2:30 3089A</p>	<p>Financing Dental Care</p> <p>The Future of Public Health</p>	<p>Discuss the mechanisms of payment for dental services in the US</p> <p>Explore the future of dental care delivery</p>	<p>Nathe</p> <p>Readings and videos in Carmen</p>	<p>Quiz on Week 8 content <i>Due July 2nd by 11:59 pm</i></p> <p>PART 2 OF COMMUNITY ORAL HEALTH PROJECT: Honors – Program Planning and</p>

				Lesson Plan Report <i>Due July 2nd by 11:59 pm</i> Study Guide Week 8 (optional)
Week 9 Asynchronous July 3rd – July 9th	Oral Health Care Challenges Ethical and Legal Issues	Analyze the various oral health challenges faced by different populations in public health Identify key ethical and legal challenges in public health practice	Nathe Chapters Readings and videos in Carmen	Quiz on Week 9 content <i>Due July 9th by 11:59 pm</i> Discussion Post – Access to Care in the US <i>Due July 9th by 11:59 pm</i> Mentor Meeting 2 <i>Due July 9th by 11:59 pm</i> Study Guide Week 9 (optional)
Week 10 July 10 th – July 16th Class: Thursday July 10 th 9:30-11:30 3089A	Guest Speakers Dr. Robert Schmidt Prison Systems – 9:30 Ms. Tina Fulks ODH – 10:30 am			Honors - Implement Community Outreach Program independently
Week 11 July 17 th – July 23rd Class: Thursday July 17th 9:30-11:30 3089A	Guest Speakers Dr. Xi Chen – 10:30 am			Implement Community Outreach Program independently
Week 12 July 24 th – July 30	Presentation of Community Oral Health Program Reflections			Honors - Presentation of Community Outreach

<p>Class: Thursday July 24th 9:30 – 11:30 3089A</p>				<p>Program independently <i>Due in class July 24th</i></p> <p>Final Informational Poster Due July 29th by 11:59 pm</p> <p>Honors – Submit Pre and Post Data - *keep this data to be analyzed in DENT HYP 3400 <i>Due July 29th by 11:59 pm</i></p>
<p>Finals Week</p> <p>Monday July 28th 9 – 10:30 am Room 1180</p>	<p>Final Examination</p>	<p>Final Examination</p>		<p>Final Examination July 28 th 9-11 am</p> <p>Room 1180</p>

Dental Hygiene Program Course Syllabus - Common Information

The information below applies to all dental hygiene program courses.

Accommodations

Students with disabilities (including mental health, chronic or temporary medical conditions) that have been certified by the Office of Student Life Disability Services will be appropriately accommodated and should inform the course director within the first week of the course. However, students may request accommodations anytime during the semester, but must inform the course director at least one week before the scheduled assessment.

The university strives to make all learning experiences as accessible as possible. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's request process, managed by Student Life Disability Services. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options.

To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu ; 614-292-3307; 098 Baker Hall, 113 W. 12th Avenue.

Reasonable accommodations to students' needs based on faith, religious or spiritual belief system in regard to examinations, other academic requirements or absences are available. Examples of accommodations can include, but are not limited to, rescheduling an exam or presentation, or giving flexibility in due dates or research responsibilities.

Our inclusive environment allows for religious expression. Students requesting accommodations based on faith, religious or a spiritual belief system in regard to examinations, other academic requirements or absences, are required to provide the instructor with written notice of specific dates for which the student requests alternative accommodations at the earliest possible date. For more information about religious accommodations at Ohio State, visit odi.osu.edu/religious-accommodations.

Mental Health

Students are eligible for services provided by Leisha Chiles, Psy.D. if they are enrolled in the College of Dentistry. The student services fees allow 10 free individual counseling sessions per academic year (Fall semester through the end of Summer semester). Groups and workshops offered by both Dr. Chiles and Counseling and Consultation Services are Free and Unlimited.

Students can make appointments with Dr. Chiles by e-mailing her at chiles.14@osu.edu . An appointment date and time will be confirmed within 1-2 business days.

If students are more comfortable being seen for counseling outside of the College of Dentistry, Counseling and Consultation Service (CCS) in the Younkin Success Center across the street is an option. They can access these services by calling 614-292-5766 and scheduling a phone triage. CCS would also represent a good option for those who prefer evenings hours or whose availability does not coincide with Dr. Chiles' hours within the college. Please reach out to Dr. Chiles if you have difficulties with this process and she can help facilitate.

As another option for treatment by those who may prefer weekly therapy or treatment off-campus, CCS created an extensive Community Provider Database found here: <https://ccs.osu.edu/cpd/>. Students are able to enter your preferences as well as your insurance information and obtain a list of appropriate referrals in the community.

Creating an environment free from harassment, discrimination, and sexual misconduct

The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate on the basis of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Civil Rights Compliance Office:

Online reporting form at civilrights.osu.edu

Call 614-247-5838 or TTY 614-688-8605,

Or Email civilrights@osu.edu

The university is committed to stopping sexual misconduct, preventing its recurrence, eliminating any hostile environment, and remedying its discriminatory effects. All university employees have reporting responsibilities to the Office of Institutional Equity to ensure the university can take appropriate action:

- All university employees, except those exempted by legal privilege of confidentiality or expressly identified as a confidential reporter, have an obligation to report incidents of sexual assault immediately.
- The following employees have an obligation to report all other forms of sexual misconduct as soon as practicable but at most within five workdays of becoming aware of such information: 1. Any human resource professional (HRP); 2. Anyone who supervises faculty, staff, students, or volunteers; 3. Chair/director; and 4. Faculty member.

Academic Misconduct

"Students at The Ohio State University are accountable for the integrity of the work they submit. Therefore, you should be familiar with the guidelines provided by the [Committee on Academic Misconduct \(COAM\)Links to an external site.](#) and [Section A of Ohio State's Code of Student ConductLinks to an external site.](#) in order to meet the academic expectations concerning appropriate documentation of sources. In addition, Ohio State has made Turnitin, a learning tool and plagiarism prevention system, available to instructors. For this class, you will submit your papers to Turnitin from Carmen. When grading your work, I will interpret the originality report, following [Section A of Ohio State's Code of Student ConductLinks to an external site.](#) as appropriate. For more information about Turnitin, please see [the vendor's guide for studentsLinks to an external site.](#). Note that submitted final papers become part of the Ohio State database."

"Section A of Ohio State's Code of Student Conduct Links to an external site. defines plagiarism as '...the representation of another's work or ideas as one's own; it includes the unacknowledged word-for-word use and/or paraphrasing of another person's work, and/or the inappropriate unacknowledged use of another person's ideas.'"

Students are expected to maintain high standards of professionalism in their coursework and protect the integrity of their work at all times during the course. This expectation is the same whether a course is taught in person or through distance learning (online). Students should report any alleged misconduct by another student to the Course Director immediately.

Academic misconduct includes but is not limited to:

- a) Knowingly providing or receiving information during examinations
- b) Possession and/or use of previous examinations that have not been released by current or past course directors
- c) Plagiarism of another classmate's work for any class assignment or examination
- d) Knowingly providing or receiving assistance on course work that is supposed to be done independently

Remote exam proctoring using Proctorio may be utilized. Proctoring information can be found [here](#). Students may request an in-person proctoring alternative to Proctorio or other online proctoring tools. The student is expected to contact the instructor as soon as possible to coordinate the accommodation. Students will not be permitted to take remotely proctored exams in their homes or residence halls unless they are willing to conduct a room scan. By choosing to take the exam in their home or residence hall, the student is consenting to the room scan of the area in which they take the exam.

Alternative proctoring options for students may include the Student Testing Center, Consortium of College Testing Centers, or others identified by your course director.

The full College of Dentistry Code of Honor and Professional Conduct and the Ohio State University Code of **Student Conduct can be accessed:**

<https://oaa.osu.edu/academic-integrity-and-misconduct/procedures-rules>

The course director will report cases of alleged academic misconduct to the associate dean of academic affairs, who may refer the matter to the College of Dentistry Student Professional Conduct Committee or the University Committee on Academic Misconduct.

Students are encouraged to talk with the course director if they have any doubt about actions that might result in charges of academic misconduct against them.

Compliance with University and College of Dentistry Policies and Procedures

All teaching staff and students are required to comply with and stay up to date on all university and College of Dentistry policies and procedures and safety and health guidance including those related to COVID-19. This includes wearing a facemask in any indoor space and maintaining a safe physical distance at all times.

Non-compliance will be warned first and disciplinary actions will be taken for repeated offense. Noncompliance could result in the student being subjected to the university's Student Conduct process and/or the College of Dentistry's Student Honor Code of Ethics and Professional Conduct process.

Copyright

Course materials, including presentations and handouts, provided in this course are the intellectual property of the faculty member and are intended for use as part of your dental education. These materials may not be used for any other purposes without written (email or paper) consent from the faculty member. Video and/or audio recording of course activities are prohibited without the written consent from the faculty member.

Violating a faculty member's copyright is a breach of the Student Honor Code of Ethics and Professional Conduct and subject to investigation by the Student Professional Conduct Committee.

Citations guidelines for writing assignments

The U.S. National Library of Medicine Citing Medicine - NLM Style Guide for Authors, Editors and Publishers is the required format for bibliographic citation.

Comprehensive NLM citation guide	https://www.ncbi.nlm.nih.gov/books/NBK7256/
NLM citation quick guide	http://www.wsulibs.wsu.edu/quickguides/nlm
NLM citation machine	http://teamnex.us/nlm-citation-machine

This system uses numbers within the text to refer to items in the end reference list. Number the reference and order them within the list according to the order in which they appear in the text. Use the same number for all following in-text references to the same document.

Example –

In-text reference:

Traumatic life events and posttraumatic stress disorder (PTSD) are endemic among American civilians.¹

Reference list:

Kessler RC, Sonnega A, Bromet E, Hughes M, Nelson CB. Posttraumatic stress disorder in the National Comorbidity Survey. Arch Gen Psychiatry. 1995 Dec; 52(12):1048-1060.

When multiple references occur, follow these guidelines:

- Separate numbers not in a continuous numeric sequences by commas with no spaces
- Continue more than two numbers in a continuous sequence with a hyphen or dash between the first and last numbers
- If there are only two consecutive numbers, separate them with a comma with no spaces

Examples with multiple references:

Modern scientific nomenclature really began with Linnaeus in botany¹, but other disciplines ^{2,3} were not many years behind in developing various systems 4-7 for nomenclature and symbolization. ...have been shown ^{1,2,5,7,11-15} to abrogate the requirement of T-cells...

Here is a paper written with the proper formatting: Gadbury-Amyot C, Krust Bray K, Austin K. Fifteen Years of Portfolio Assessment of Dental Hygiene Student Competency: Lessons Learned. Journal Of Dental Hygiene [serial online]. October 2014;88(5):267-274. Available from: CINAHL Plus with Full Text, Ipswich, MA. Accessed October 5, 2017.

- This reference should help as you revise your papers.

Faculty utilize **Turnitin**, an anti-plagiarism software tool to support academic integrity and effective writing in coursework. Learn more: <https://teaching.resources.osu.edu/toolsets/carmencanvas/guides/turnitin> Students can create an **iThenticate**, anti-plagiarism software account (<https://research.osu.edu/research-responsibilities-and-compliance/research-misconduct/avoiding-plagiarism>) as a self-evaluation screening tool prior to submitting assignments for classroom assignments.

LINKS TO ADDITIONAL INFORMATION	
College of Dentistry Academic Handbook	https://dentalintranet.osu.edu/system/files/academic_handbook_200305.pdf
College of Dentistry Student Honor Code of Ethics and Professionalism	https://dentalintranet.osu.edu/system/files/student_honor_code_of_ethics_and_professional_conduct.pdf
OSU Code of Student Conduct	https://trustees.osu.edu/bylaws-and-rules/code
OSU Sexual Harassment	https://policies.osu.edu/assets/docs/policy_pdfs/SexualMisconduct_FINAL.pdf
OSU Mental Health Services	https://shs.osu.edu/services/primary-care/
OSU Safe and Healthy Buckeyes COVID	https://safeandhealthy.osu.edu/
OSU COVID Closure Policies	https://wexnermedical.osu.edu/features/coronavirus/staff-and-students
OSU Keep Learning – distance learning resources	https://keeplearning.osu.edu/
College of Dentistry Inclement Weather Procedures	https://dentalintranet.osu.edu/student-affairs/content/inclement-weather-procedures
OSU Escort Services	https://ttm.osu.edu/ride-smart
OSU Office of University Compliance & Integrity	https://compliance.osu.edu/
OSU Office of Diversity and Inclusion	https://odi.osu.edu/
OSU Military Veterans’ Services	http://veterans.osu.edu/
OSU Interprofessional Council	https://ipc.osu.edu/
OSU Office of Academic Affairs Organizational Chart	https://oaa.osu.edu/sites/default/files/links_files/oaa-org-chart.pdf
OSU Mission/Vision Statement	https://oaa.osu.edu/mission-vision-values-and-core-goals

Common Syllabus Information approved by the DH Curriculum Committee on August 12, 2020.

Course Director	E-mail	Office location	Office hours
Beth Chartier	chartier.16@osu.edu	3080E	By appointment

Course Description

2 credits

In Person: Wednesdays 12:30 - 2:25pm Postle Hall – Room 3089A (8/21, 8/28, 9/4, 9/11, 9/18, 9/25, 10/2, 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/6 Final Exam)

DH 3400 is the second course of a two-course series required of baccalaureate level dental hygiene students. This two-credit-hour course will allow dental hygiene students to build upon the process of scientific inquiry, research methodology, basic statistical concepts, and interpretation of data analysis and results. This course will focus on learning the skills of evidence-based decision making, critical analysis of research reports, as well as weighing the strength of collective research on oral health topics.

As part of the honors curriculum, students enrolled in this course are expected to complete additional assignments designed to deepen their engagement with the material. Successful completion of these requirements is necessary to fulfill the honors component of the course.

Philosophy of Teaching Statement

Learning is a dynamic process that requires both the teacher and students to be engaged and prepared. Courses are more meaningful and enjoyable when we all bring our wealth of background experiences and curiosity to the classroom and work together to find answers to the questions of not only how best to treat each individual patient, but to increase the greater health of the public.

Personal Diversity and Inclusion Statement

I strive to create a learning environment for all students that supports a diversity of thoughts, perspectives and experiences, and honors all identities (including race, gender, class, sexual orientation, ability, etc.). I, like many people am still in the process of learning about diverse perspectives and identities. Suggestions and feedback are important and always appreciated, therefore, if I can improve the inclusiveness of this course for you or other student groups please let me know.

The course director reserves the right to make changes to the syllabus when necessary or beneficial to meet the objectives of the course, compensate for missed classes or schedule changes, or for other legitimate reasons. Students will be notified of any such changes to the syllabus in adequate time to adjust to the changes.

Instructional Objectives

Upon completion of DENTHYG 3400, the student will be able to complete the following:

1. Present an evidence-based presentation on an assigned topic using an informational poster
2. Describe types of variables and identify examples of differences in the use and representation of the variables
3. Determine the correct application of a paired t-test, independent t-test and interpret the significance.
4. Demonstrate the use of SPSS to run basic statistical analysis and interpret the results.
5. Compare the difference between parametric and non-parametric statistics.
6. Categorize variables according to type (nominal, ordinal, continuous).
7. Critically evaluate and analyze the design of scientific research articles
8. Categorize research articles into the correct level of evidence
9. Develop a critically appraised topic (CAT)
10. Evaluate effectiveness of community dental health projects.
11. Incorporate scientific evidence-based research findings into evidence-based practice.
12. Critically appraise various types of research articles.

Program Competencies Assessed

Competency Assessed in Course	Assignment	Threshold
1.4 Incorporate scientific research and evidence-based findings into dental hygiene therapy for patients with varied oral health needs.	CA* Evidence based practice in clinical excellence	≥85%
2.2 Assess the oral health needs of a population and available resources, implement an action plan, and evaluate the outcomes.	CA* Community outreach project	≥85%
3.1 Contribute to the dental hygiene body of knowledge through identifying, analyzing, interpreting, and applying research design and statistical analysis relevant to dental hygiene practice.	CA* Research/informative poster project	≥85%
3.4 Promote the profession through leadership, service-based activities and/or involvement in professional organizations.	CA* Presentation at a professional Conference and reflect on experience	≥85%

- CA* denotes course assignments that are used for a program competency assessment.

Any student who does not meet the threshold will be required to remediate on the assignment to successfully complete the course.

Full list of program goals & competencies and their assessments are located in the program manual pg. 36-38 https://dentalintranet.osu.edu/system/files/program_manual_5.pdf

Embedded Literacy Assessed

Embedded Literacy Assessed in Course	Assignment	Threshold
N/A		

Textbook(s)

Required Text

Jacobsen KH. Introduction to health research methods: A practical guide. Jones & Bartlett Publishers; 2020 Mar 24. (IHRM)

This textbook is available electronically through the OSU Library. Only three users may use it at a time, so when you are finished reading or downloading something please log out of it so others may use it.

Course Materials

Carmen will be utilized for communication, course announcements and sharing course materials including lecture slides. It is expected you will visit your Carmen page for this course frequently.

Learning technology that will be used in this course include online learning programs and audience response systems like Carmen, Zoom, and Mediasite. Teaching methods for this course will include lecture, discussion, and additional active learning activities.

Evaluation & Grading

Assessment	Points	Total Points	% of grade	Instructional Objective(s) Assessed
Quizzes		50	15	
1	10			11
2	10			7
3	10			4, 2,
4	10			12
5	10			12
Informational Poster Project			20	
*Faculty Mentor Meeting completed independently	8			1
*Mock Poster Presentation	20			1
*ODA reflection summary	15			1

Assignments		45	5	
Statistical analysis	10			4
Critically Appraised Topics			20	
*Critically Appraised Topics Assignment 1	10			12
*Critically Appraised Topics Assignment 2	15			12
*Critically Appraised Topics Final	25			12
Community Outreach Project			10	
*Community Oral Health Program Statistics and Evaluation of Program completed independently	10			10
Midterm1 Exam		50	15	2, 5, 6,7
Midterm 2 Exam		50	15	2-12
		500		

Grading Scale	
93 – 100	A
90 – 92	A-
87 – 89	B+
83 – 86	B
80 -82	B-
77- 79	C+
73 – 76	C
70 – 72	C-
67 – 69	D+
60 – 66	D
< 59	E

Assignment Overview

Quizzes-

Quizzes will be given at dates indicated on the syllabus through Carmen. The content the quiz will cover will be posted on Carmen. These quizzes are a low stakes way for you to continue to test your mastery of the material covered in class.

***Informational Poster Project- Honors**

The informational poster project is a project which will span several semesters. The first steps in this project were completed last semester in 2400. There are several steps that will help you develop this poster project in preparation to present at the ODA annual conference. This project must be completed independently

***Community Oral Health-Honors**

A summary based on before and after data of the population you provided care for in COH. We will have the opportunity to analyze your data and evaluate whether your efforts were effective based on findings. This assignment is to be completed independently

***Critically Appraised Topic (CAT) FINAL EXAM - Honors**

A critically appraised topic is a short summary of the best available evidence on a

focused question. ***It is a short, less rigorous type of systematic review, providing an assessment of what is known about an intervention or issue by searching and appraising relevant studies.*** To help facilitate the process of writing a CAT there will be several steps as we progress through the topic. The completed project is the **final exam** for 3400. The entirety of this project will be completed independently in addition to submitting and receiving approval from clinic administration for publication on the College of Dentistry Dental Hub

Statistical Analysis (SPSS)-

Students will identify, categorize, and interpret statistical data using SPSS software. Downloading instructions and user tutorials are available on Carmen.

Midterm 1 and 2 Exam

The midterm will be comprehensive of all content presented in the course up to the midterm.

Faculty utilize **Turnitin**, an anti-plagiarism software tool to support academic integrity and effective writing in coursework. Learn more: <https://teaching.resources.osu.edu/toolsets/carmencanvas/guides/turnitin>

Students can create an **iThenticate**, anti-plagiarism software account (<https://research.osu.edu/research-responsibilities-and-compliance/research-misconduct/avoiding-plagiarism>) as a self-evaluation screening tool prior to submitting assignments for classroom assignments.

Course Policies & Procedures

Attendance

Attendance and Academic Progress

Students that exceed 5 (excused or unexcused) absences in total per semester will be required to meet with the Academic Program Services Senior Analyst to discuss the attendance policy. At 10 absences, the student will be asked to appear before the DH Academic Progress Committee and may result in a delay of graduation.

Weather or other short-term university closing

Should in-person classes be canceled, I will notify you as to which alternative methods of teaching will be offered to ensure continuity of instruction for this class. Communication will be via Carmen Canvas

Students who reported (per the policy) to have an excused absence:

Activity	Consequences for EXCUSED absences for DENTHYG 3400
Assignments	Assignments can be turned in with a 5% reduction in grade for each day late
Quiz	A score of zero will be recorded if quiz is not completed by deadline specified in Carmen/syllabus
Community Outreach Project	Students are REQUIRED to participate in ALL aspects of the Community Outreach Project. If Student Affairs determine an absence to be excused, course director will issue an alternative assignment
Midterm	Contact course director promptly to complete a makeup version of the midterm exam for full credit
Final Exam	Contact course director promptly to complete a makeup version of the final exam for full credit.

In this course, students who are reported (per the policy) to have an unexcused absence for missing a course activity that impacts the final course grade:

Activity	Consequences for UNEXCUSED absences for DENTHYG 3400
Assignments	A score of zero will be recorded.
Quiz	A score of zero will be recorded.
Community Outreach Project	A score of zero will be recorded, which will require course remediation.
Midterm Exam	Contact the course director promptly to complete a makeup version of the final for half credit
Final Exam	Contact the course director promptly to complete a makeup version of the final for half credit

Final course grade below C-

Students who do not successfully complete this course (grade of 'D+', 'D' or 'E') must repeat the course prior to graduation. Students MAY be eligible to participate in a remediation program that would allow the student to repeat the course in a revised format before it is regularly offered the following year. The remediation program will be determined by the course director as described below to meet the needs of each student.

Final determination as to whether and how a student will be allowed to remediate this course will be made by the Academic Progress Committee considering the student's academic history and in consultation with the course director. All students with a grade below C- in any dental hygiene course will be put on academic probation and will be subject to the conditions of probation as described in the probation letter.

Remediation

If a student is permitted to remediate this course, the student will be enrolled in the course for a second time. The remediation program may include:

Retaking the course next time it is offered.

Remediating the course during the next semester and using some of the assessments from the first attempt at the course to calculate the grade.

Mobile Device Statement

The use of mobile devices (e.g. computers, notebooks, phones) for course purposes is acceptable. Minimizing engagement in non-course related activities demonstrates professionalism and is encouraged to focus attention on learning, minimize disruption and foster respect for course instructors.

Email responses statement

Emails will be responded to within 24 hours of receiving them Monday-Friday 8a.m - 5p.m. There is no guarantee that email will be checked on the weekend. Please be patient with the responses and please keep the 24 hours in mind.

Evaluation responses statement

Feedback on graded activities will be provided in a timely manner. If deviation from the timeline needs to occur, the faculty member will promptly communicate the alternative.

Activity	Estimated Timeline for Communication of Student Evaluation
Example: Quiz	Example: Assessment of quizzes will occur within one week of due date.
Writing Assignment	Assessment of writing assignments will occur within two weeks of due date.
Discussion Activities	Assessment of discussion activities will occur within two weeks of due date.
Final Exam	Assessment of final exam will occur within one week of due date.

Accommodations

Students with disabilities (including mental health, chronic or temporary medical conditions) that have been certified by the Office of Student Life Disability Services will be appropriately accommodated and should inform the course director within the first week of the course. However, students may request accommodations anytime during the semester, but must inform the course director at least one week before the scheduled assessment.

The full Accommodations for Students with Disabilities Operating Procedure can be accessed: https://dentalintranet.osu.edu/system/files/op06-03_accommodations_for_students_with_disabilities.pdf

Contact The Office of Student Life Disability Services by email: slds@osu.edu or phone: 614-292-3307

Academic Misconduct

Students are expected to maintain high standards of professionalism in their coursework and protect the integrity of their work at all times during the course. Students should report any alleged misconduct by another student to the Course Director immediately.

Academic misconduct includes but is not limited to:

- a) knowingly providing or receiving information during examinations.
- b) possession and/or use of previous examinations that have not been released by current or past course directors.
- c) plagiarism of another classmate's work for any class assignment or examination.
- d) knowingly providing or receiving assistance on course work that is supposed to be done independently.

The full College of Dentistry Code of Honor and Professional Conduct and the Ohio State University Code of Student Conduct can be accessed:

https://dentalintranet.osu.edu/system/files/professionalconducthandbook_3.pdf
<https://trustees.osu.edu/sites/default/files/documents/2019/03/CodeStudentConduct.pdf>

The Course Director will report cases of alleged academic misconduct to the Associate Dean of Academic Affairs, who may refer the matter to the College of Dentistry Professionalism Committee or the University Committee on Academic Misconduct. Students are encouraged to talk with the Course Director if they have any doubt about actions that might result in charges of academic misconduct against them.

Dental Hygiene Program manual:

https://dentalintranet.osu.edu/system/files/program_manual_5.pdf

College of Dentistry Student Resource Manual:

http://dentalintranet.osu.edu/archive/OAA/student_affairs/resources-pdf/StudentResourceManual.pdf

Mobile Device Statement

The use of mobile devices (e.g. computers, notebooks, phones) for course purposes is acceptable. Minimizing engagement in non-course related activities demonstrates professionalism and is encouraged to focus attention on learning, minimize disruption and foster respect for course instructors.

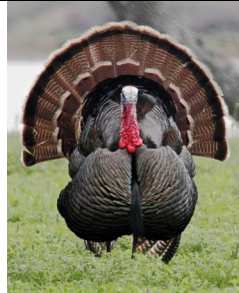
Email responses statement

Emails will be responded to within 24 hours of receiving them Monday-Friday 8a.m - 5p.m. There is no guarantee that email will be checked on the weekend. Please be patient with the responses and please keep the 24 hours in mind.

Week/Day/Date/Location	Content Topic	Instructional Objectives	Class Preparation Reading / Activity	Assignment Due
<p>Week 1</p> <p>August 20th – August 27th</p> <p>Class: Wednesday August 21st 12:30 – 2:25 pm 3089A</p>	<p>Syllabus Review</p> <p>Discussion about Ohio Dental Association Poster Presentation</p>	<p>Present an evidence-based presentation on an assigned topic using an informational poster</p>	<p>Work with your group to complete edits on informational poster</p>	<p>Honors - Final Poster <i>Due August 31st by 11:59 pm (please upload as soon as possible)</i></p> <p>Faculty Mentor meeting <i>Due August 27th by 11:59 pm</i></p> <p>Honors - Prepare for Mock Poster Presentation</p>
<p>Week 2</p> <p>August 28th – September 3rd</p> <p>Class: Wednesday August 28th 12:30 – 2:30 pm 3089A</p>	<p>Mock Poster presentations</p>	<p>Present an evidence-based presentation on an assigned topic using an informational poster</p>	<p>Prepare to present with your group</p>	<p>Honors - Mock poster presentations</p> <p><i>Make necessary changes, upload Final Poster to Carmen by August 31st 11:59 pm</i></p> <p><i>*Once you have received approval to print – send to Mr. Peters ASAP</i></p> <p>Honors - Final Poster <i>Due August 31st by 11:59 pm (please upload as soon as possible)</i></p>
<p>Week 3</p> <p>September 4th –</p>	<p>Review of evidence-based practice</p>	<p>Describe the elements of evidence-based practice</p>	<p>See Carmen for learning resources</p>	<p>Quiz 1 <i>Due September 10th by 11:59 pm</i></p>

<p>September 10th</p> <p>Class: Wednesday September 4th 12:30-2:25 pm 3089A</p>	<p>Review of the components of Scientific Research Paper</p>	<p>Identify the components of a scientific writing</p>		
<p>Week 4</p> <p>September 11th – 17th</p> <p>Class: Wednesday September 11th 12:30 – 2:25 pm 3089A</p>	<p>Content will be from Oral Health Behaviors Course today* We will have in person class today (no OHB class Friday morning)</p>			<p>Honors - Present at ODA Friday September 13th 12 – 2 pm*Please be there 30 minutes early</p>
<p>Week 5</p> <p>September 18th – September 24th</p> <p>Class: Wednesday September 18th 12:30 – 2:25 pm 3089A</p>	<p>Research Designs</p> <p>Descriptive Statistics</p>	<p>Define various research designs</p> <p>Categorize variables according to type (nominal, ordinal, continuous)</p> <p>Describe types of variables and identify examples of differences in the use and representation of the variables</p>	<p>See Carmen for learning resources</p>	<p>Quiz 2 <i>Due September 24th by 11:59 pm</i></p> <p>Honors - ODA Reflection Paper <i>Due September 24th by 11:59 pm</i></p>
<p>Week 6</p> <p>September 25th – October 1st</p> <p>Class: Wednesday September 25th 12:30 – 2:25 3089A</p>	<p>Descriptive Statistics Continued</p> <p>Inferential Statistics</p> <p>Probability and Hypothesis Testing</p>	<p>Identify descriptive and inferential statistical measures</p>	<p>See Carmen for learning resources</p>	<p>Quiz 3 <i>Due October 1st by 11:59 pm</i></p> <p>Using SPSS Software <i>Due October 1st by 11:59 pm</i></p>

Week 7 October 2 nd – October 8 th Class: Wednesday October 2 nd 12:30 – 2:25 pm 3089A	Parametric Statistics Review for midterm	Identify parametric statistical measures	See Carmen for learning resources	Study for Midterm
Week 8 October 9 th – October 15 th Autumn Break – No class	Autumn Break and Indigenous People Day	Enjoy!		
Week 9 October 16 th – October 22 nd Class: Wednesday October 16 th 12:30 -2:25 pm 3089A	Midterm			Midterm 1 in class 3089A 12:30 – 2:25 pm
Week 10 October 23 rd – October 29 th Class: Wednesday October 23 rd 12:30 – 2:25pm 3089A	Non-Parametric Statistics	Determine the correct application of a paired t-test, independent t-test and interpret the significance.	See Carmen for learning resources	Quiz 4 <i>Due October 29th by 11:59 pm</i>
Week 11 October 30 th – November 5 th Class: Wednesday October 30 th 12:30 – 2:25 pm 3089A	Critical Appraisal of the evidence		See Carmen for learning resources	Honors - Critically Appraised Topic Assignment 1 <i>Due November 5th by 11:59 pm</i>
Week 12 November 6 th –	Critical Appraisal of the evidence continued		See Carmen for learning resources	Honors - Critically Appraised Topic

<p>November 12th</p> <p>Class: Wednesday November 6th 12:30 – 2:25 pm 3089A</p>				<p>Assignment 2 <i>Due November 12th by 11:59 pm</i></p>
<p>Week 13</p> <p>November 13th – November 19th</p> <p>Class: Wednesday November 13th 12:30 – 2:25 pm 3089A</p>	<p>Community Outreach Project Evaluation</p> <p>Review for Midterm 2</p>	<p>Evaluate effectiveness of community outreach projects.</p>	<p>See Carmen for learning resources</p>	<p>Quiz 5 <i>Due November 19th by 11:59 pm</i></p> <p>Honors - Community Oral Health Project Statistics and Evaluation <i>Due November 19TH by 11:59 pm</i></p>
<p>Week 14</p> <p>November 20th – 26th</p> <p>Class: Wednesday November 20th 12:30 – 2:25 pm 3089A</p>			<p>See Carmen for learning resources</p>	<p>Midterm 2 in class 3089A 12:30 – 2:25 pm</p>
<p>Week 15</p> <p>November 27th – December 3rd</p> <p>Thanksgiving Break</p>	<p>Thanksgiving Break</p>			
<p>Final Project</p>				<p>Honors - Critically Appraised Topic Assignment Submission to</p>

				Clinic Administration for approval Due Friday December 6th by 11:59 pm
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Course Director	E-mail	Office location	Office hours
Jamie Bishop, BSDH, MDH Assistant-Professor - Clinical	bishop.775@osu.edu	3040-F Postle Hall	By appointment

Bachelor of Science in Dental Hygiene

The Ohio State University, College of Dentistry
June 2008

Master of Dental Hygiene

The Ohio State University, College of Dentistry
August 2022

Course Description

1 credit hour, Second Session, Spring 2026

This course meets twice per week, Monday @ 12:30pm-1:25pm & Wednesday @ 8:30am-9:25am

In-Person class sessions:

Postle Hall – Room 3089A

DH 2400 is the first course of a two-course series required of baccalaureate level dental hygiene students. This course will introduce dental hygiene students to the process of scientific inquiry including research methodologies from a dental/dental hygiene perspective, types of research, legal and ethical issues surrounding research and publication/presentation of research.

As part of the honors curriculum, students enrolled in this course are expected to complete additional assignments designed to deepen their engagement with the material. Successful completion of these requirements is necessary to fulfill the honors component of the course.

Philosophy of Teaching Statement

As a dental hygiene educator, I aspire to teach the next generation of dental hygienists to be highly skilled, detail-oriented, professional, and competent clinicians. It is my goal to effectively transmit knowledge from the coursework that I teach, as well as from my years of clinical practice as a dental hygienist to my students. I want to serve as a role model for my students. I have high expectations for myself, as well as my students in their performance, ethics, and professionalism. I endeavor to teach fairly and with compassion. It is my objective that my students will be able to utilize critical thinking strategies in any situation they encounter. As a didactic educator, it is my goal to present the information in a way that is conducive to multiple learning styles.

The course director reserves the right to make changes to the syllabus when necessary or beneficial to meet the objectives of the course, compensate for missed classes or schedule changes, or for other legitimate

reasons. Students will be notified of any such changes to the syllabus in adequate time to adjust to the changes.

Instructional Objectives

Upon completion of DENTHYG 2400 the student will be able to do the following:

1. Describe how research plays a role in dental hygiene care.
2. Define research and inquiry.
3. Discuss the legal and ethical issues relative to health-related research.
4. Identify parts of a research manuscript or article.
5. Identify and write a research question and specific aims or objectives.
6. Describe various research designs and identify the design from a research manuscript.
7. Define and identify independent and dependent variables.
8. Define and identify sampling techniques.
9. Identify the sample size in a research report.
10. Define inclusion and exclusion criteria.
11. Given a research report identify the following:
 - Purpose
 - Hypothesis
 - Research design
 - Independent and dependent variables
 - Sampling technique
 - Sample size
 - Inclusion/exclusion criteria
12. Write an annotated bibliography and outline on chosen topic.
13. Write a literature review on a chosen topic.

Program Competencies Assessed

Competency Assessed in Course	Assignment	Threshold
1.8 Assume responsibility for professional actions and care based on state and federal laws, accepted scientific theories, research, and the standard of care.	CA*: Compliance Training (CITI HSP & RCR)	Completion of compliance training (CITI HSP & RCR)

Any student who does not meet the threshold will be required to remediate on the assignment to successfully complete the course.

Full list of program goals & competencies and their assessments are located in the program manual <https://buckeyemailosu.sharepoint.com/sites/DentalHub/SitePages/Academic-Handbooks-and-Manuals.aspx>

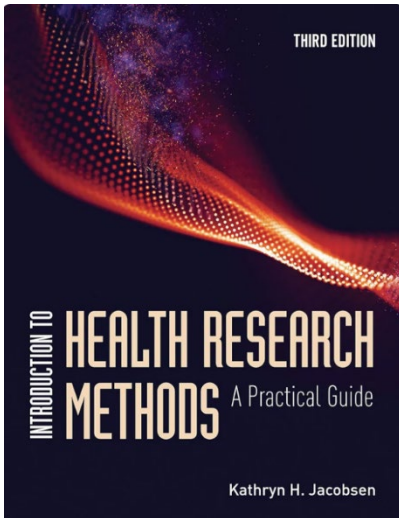
Embedded Literacy Assessed

N/A

Ohio State Dental Board Requirements

N/A

Textbook(s)



Required Texts

Jacobsen KH. Introduction to health research methods: A practical guide. Jones & Bartlett Publishers; 2020 Mar 24. (IHRM)

Note: This textbook is available electronically through the OSU Library. Only three users may use it at a time, so when you are finished reading or downloading something please log out of it so others may use it.

Please see these helpful links to locate your course eBook in the library catalog, how to access eBook off-campus, and instructions for use.

1. Finding eBooks (via catalog, online journals & eBook list, and in databases): <https://go.osu.edu/hsl-ebooks>
2. How to access library resources OFF-CAMPUS: <https://go.osu.edu/off-campus-access>
3. Tips for using limited access eBooks: <https://go.osu.edu/hsl-ebook-tips>

Course Materials

Carmen will be utilized for communication, course announcements and sharing course materials including lecture slides and other materials. It is expected you will visit your Carmen page for this course at least weekly.

Learning technology that will be used in this course include online learning programs and audience response systems like Carmen, Zoom, Nearpod and Mediasite. Teaching methods for this course will include lectures, videos, active learning activities, flipped classroom and readings.

Evaluation & Grading

Assessment / #	Points	Total Points	% of grade	Instructional Objective(s) Assessed
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Attendance	15	15	5	
Participation (7)	5	35	5	1-11
Informational Poster Project – 7		240	30	
Purpose, Hypothesis, Research Question, and Aims	20			13
Annotated Bibliography	25			12
Outline	15			12-13
Introduction	25			13
Lit Review – 1 st Draft	30			13
Lit Review – Final Draft	50			13
Mentor Meeting	5			13
Inf. Poster Draft	15			13
*Topic/Mentor ID	10			13
*Research Proposal	20			13
*Mentor Feedback #1	5			13
*Mentor Feedback #2	5			13
*Author Biography	20			13
*Submission	20			13
Homework – 6		60	10	
1	10			12,13
2	10			12
3	10			6,11
4	10			8,9,10
5	10			7,11
6	10			1,11
CITI and RCR Training	10	10	10	3
Exams - 2		60	20	
Exam 1	35			1,2,4,5,13
Exam 2	25			3,5,6,8,9,10
Final Exam - 1	35	35	20	1-11
		455		

Grading Scale	
93 – 100	A
90 – 92	A-
87 – 89	B+
83 – 86	B
80 – 82	B-
77 – 79	C+
73 – 76	C
70 – 72	C-
67 – 69	D+
60 – 66	D
< 59	E

Assignment Overview

- All assignments that require uploading a document to Carmen must be submitted in a Microsoft Office Word document (unless another type of fillable document, such as a PDF, is provided for you. Microsoft Office software is free for all Ohio State students. Instructions for downloading and installing can be found here: <https://go.osu.edu/microsoftoffice>

1. Attendance

- **Due Dates: See Course Schedule**
- 5% Final Grade
- Attendance is expected and required. You will receive a daily grade based on your attendance and participation in classroom activities.

2. Participation

- **Due Dates: See Course Schedule**
- 5% Final Grade
- Participation is expected and required. You are expected to complete your lecture prep prior to class. Completion of Nearpod activities will count toward your overall grade.

3. Informational Poster Project Assignments

- **Due Dates: See Course Schedule**
- 30% of Final Grade
- This semester you will complete an annotated bibliography, outline for your research project, literature review, etc. and a rough draft of the informational poster project that you will be expected to complete in DHY 3400.
- Please see CarmenCanvas for further details of individual assignment.
- *Honors Program Requirement*
 - *As part of the honors curriculum, you will be required to complete and submit an article for publication in Dimensions of Dental Hygiene. In addition to your informational poster project assignments, you must:*
 - *Submit a topic proposal*
 - *Identify and meet regularly with a faculty mentor for guidance and feedback*
 - *Write an author biography*
 - *Submit a literature review research article for publication*
 - *Assignments associated with this honors requirement will be clearly marked with an asterisk (*) and bolded in the course schedule.*

4. Homework Assignments

- **Due Dates: See Course Schedule**
- 10% of Final Grade
- Homework assignments will reinforce the topics covered in class and give you a way to practice the work in a low stakes way before quizzes, midterms, or finals. Details on each homework assignment are provided on Carmen.
- Please see CarmenCanvas for further details of individual assignment.

5. CITI and RCR Training

- **Due Dates: See Course Schedule**
- 10% of Final Grade
- CITI and RCR training are required to participate in research at the university. This training also outlines the ethical issues related to conducting research and reinforces responsible conduct in research. **This assignment is a program competency and must be completed in order to graduate.**
- Please see CarmenCanvas for further details of individual assignment.

6. Exams

- **Due Dates: See Course Schedule**
- 20% of Final Grade
- There are two midterms in this course. The content each midterm covers will be outlined on Carmen. Midterms will be given on Carmen and details for each exam will be provided. There

are two midterms to allow you to chunk less material together for exams.

7. Final Exam

- **Due Dates: See Course Schedule**
- 20% of Final Grade
- The final exam will assess your knowledge of the objectives of this course. It will be completed on Carmen during final exam week. Details and instructions on the final exam can be found on Carmen.

Course Policies & Procedures

Attendance

The College of Dentistry's Student Attendance Operating Procedure indicates that students are expected to attend all scheduled course activities, on time and for the entire session.

All absences must be reported to Student Affairs via the absence qualtrics form

<https://go.osu.edu/dentistryabsence> in advance of the absence. If the student is unable to report the absence in advance, it must be reported within 48 hours of returning to class.

Please include your class year, dates you will be absent, and any additional information you deem relevant.

Attendance in every dental hygiene class is expected. Attendance is taken at the beginning of each class and the final grade may be lowered for students who do not meet the expected attendance requirements as stated in the course syllabus. Students who arrive late are encouraged to join the class and should make an effort to do so without disrupting the class, but late arrivals may not be counted as having attended that day.

The full attendance policy is available on the Academic Handbooks and Manual page on the Dental Hub <https://buckeyemailosu.sharepoint.com/sites/DentalHub/SitePages/Academic-Handbooks-and-Manuals.aspx>.

A Student Affairs staff member will notify the course director of the absence, and whether the absence is excused or unexcused per the established policy.

Attendance and Academic Progress

Students that exceed 5 (excused or unexcused) absences in total per semester will be required to meet with the Academic Program Services Senior Analyst to discuss the attendance policy. At 10 absences, the student will be asked to appear before the DH Academic Progress Committee and may result in a delay of graduation.

Weather or other short-term university closing

Should in-person classes be canceled, I will notify you as to which alternative methods of teaching will be offered to ensure continuity of instruction for this class. Communication will be via CarmenCanvas.

Students who reported (per the policy) to have an excused absence:

Activity	Consequences for EXCUSED absences/missed assignments for DENTHYG 2400
Attendance	A score of zero will be recorded for missed attendance.
Participation	A score of zero will be recorded for missed attendance.
Inf. Poster Assignments	Contact course director promptly for an extended due date for full credit.
Homework	Contact course director promptly for an extended due date for full credit.

Exams	Contact course director promptly to complete a makeup version of the midterm for full credit.
Final Exam	Contact course director promptly to complete a makeup version of the final exam for full credit.

In this course, students who are reported (per the policy) to have an unexcused absence for missing a course activity that impacts the final course grade:

Activity	Consequences for UNEXCUSED absences/missed assignments for DENTHYG 2400
Attendance	A score of zero will be recorded for missed attendance.
Participation	Contact course director promptly for an extended due date for partial credit (-1 point per day late)
Inf. Poster Assignments	Contact course director promptly for an extended due date for partial credit (-1 point per day late)
Homework	Contact course director promptly for an extended due date for partial credit (-1 point per day late)
Exams	Contact the course director promptly to complete a makeup version of the midterm for half credit.
Final Exam	Contact the course director promptly to complete a makeup version of the midterm for half credit.

*****Please note – CITI and RCR Training is a program competency. Completion of training is REQUIRED for graduation.**

Final course grade below C-

Students who do not successfully complete this course (grade of 'D+', 'D' or 'E') must repeat the course prior to graduation. Students MAY be eligible to participate in a remediation program that would allow the student to repeat the course in a revised format before it is regularly offered the following year. The remediation program will be determined by the course director as described below to meet the needs of each student. Final determination as to whether and how a student will be allowed to remediate this course will be made by the Academic Progress Committee considering the student's academic history and in consultation with the course director. All students with a grade below C- in any dental hygiene course will be put on academic probation and will be subject to the conditions of probation as described in the probation letter.

Remediation

If a student is permitted to remediate this course, the student will be enrolled in the course for a second time. The remediation program will involve: (include both what is required and by when)

- Retaking the course next time it is offered.
- Remediation decisions are made by the Dental Hygiene Academic Progress Committee and are communicated to the students and the faculty involved in remediation. Remediated courses will have specific criteria provided to the student in writing in advance of the remediated course.

The final course grade for the second enrollment will be determined by the following method/calculation:

- Remediating the course during the next semester and using some of the assessments from the first attempt at the course to calculate the grade.

The final course grade will be determined using the grading scale above.

If the student does not successfully complete the remediation program as described above the student will earn a failing grade ('D+', 'D' or 'E') for the second course. Whether the student passes or fails the second course, the failing grade for the original course will remain on the student's transcript. Students who fail the second course will be subject to the conditions of academic probation; students may have an opportunity to retake the course the next time it is offered or may be dismissed from the dental hygiene program as determined by the Academic Progress Committee.

Intellectual Diversity

Ohio State is committed to fostering a culture of open inquiry and intellectual diversity within the classroom. This course will cover a range of information and may include discussions or debates about controversial issues, beliefs, or policies. Any such discussions and debates are intended to support understanding of the approved curriculum and relevant course objectives rather than promote any specific point of view. Students will be assessed on principles applicable to the field of study and the content covered in the course. Preparing students for citizenship includes helping them develop critical thinking skills that will allow them to reach their own conclusions regarding complex or controversial matters.

Grievances and Solving Problems

A student who encounters a problem related to his/her educational program has a variety of avenues available to seek resolution. (Note: the procedures for grade grievances are explicitly covered in the faculty rules) Typically, a student is advised to resolve any dispute, disagreement, or grievance as directly as possible, engaging with the person or persons most closely involved. The faculty and staff of the departments and colleges are available to work with students in this regard. If this step does not produce acceptable results, the student should follow a logical stepwise progression to address the academic concerns.

According to University Policies, if you have a problem with this class, you should seek to resolve the grievance concerning a grade or academic practice by speaking first with the instructor or professor. Then, if necessary, take your case to the department chairperson, college dean or associate dean, and to the provost, in that order. Specific procedures are outlined in Faculty Rule 3335-8-23. Grievances against graduate, research, and teaching assistants should be submitted first to the supervising instructor, then to the chairperson of the assistant's department.

Trigger Statement

Some contents of this course may involve media that may be triggering to some students due to descriptions of and/or scenes depicting acts of violence, acts of war, or sexual violence and its aftermath. If needed, please take care of yourself while watching/reading this material (leaving classroom to take a water/bathroom break, debriefing with a friend, contacting a Sexual Violence Advocate 614-267-7020, or Counseling and Consultation Services at 614-292-5766, and contacting the instructor if needed). Expectations are that we all will be respectful of our classmates while consuming this media and that we will create a safe space for each other. Failure to show respect to each other may result in dismissal from the class.

Generative Artificial Intelligence Tools

Given that the learning goals of this class introduce dental hygiene students to the process of scientific inquiry including research methodologies from a dental/dental hygiene perspective, types of research, legal and ethical issues surrounding research and publication/presentation of research, the use of generative artificial intelligence (GenAI) tools such as Copilot or ChatGPT, writers aids like Grammarly, or translation platforms such as Google Translate is not permitted in this course.

Any use of GenAI tools for work in this class may therefore be considered a violation of Ohio State's [Academic Integrity\(opens in new window\)](#) policy and [Code of Student Conduct\(opens in new window\)](#) because the work is not your own. If I suspect that you have used GenAI on an assignment for this course, I will ask you to explain your process for completing the assignment in question. The unauthorized use of GenAI tools will result in referral to the [Committee on Academic Misconduct\(opens in new window\)](#).

Mobile Device Statement

The use of mobile devices (e.g. computers, notebooks, phones) for course purposes is acceptable. Minimizing engagement in non-course related activities demonstrates professionalism and is encouraged to focus attention on learning, minimize disruption and foster respect for course instructors.

Email responses statement

Emails will be responded to within 24 hours of receiving them Monday-Friday 8a.m - 5p.m. There is no guarantee that email will be checked on the weekend. Please be patient with the responses and please keep the 24 hours in mind.

Evaluation responses statement

Feedback on graded activities will be provided in a timely manner. If deviation from the timeline needs to occur, the faculty member will promptly communicate the alternative.

Activity	Estimated Timeline for Communication of Student Evaluation
Inf. Poster Assignments	Assessment of informational poster assignments will occur within one week of due date.
Homework	Assessment of homework activities will occur within one week of due date.
Exams	Assessment of midterms will occur within two weeks of due date.
Final Exam	Assessment of final exam will occur within one week of due date.

Dental Hygiene Program manual:

<https://buckeyemailosu.sharepoint.com/sites/DentalHub/SitePages/Academic-Handbooks-and-Manuals.aspx>

Course Schedule & Instructional Objectives

*All content presented by the course director unless otherwise noted.

Sync = Live online via Zoom / A = Asynchronous self-paced content posted on Carmen / 3089A = In-Person instruction in Postle Hall

Week/Day/Date/Location	Content Topic	Instructional Objectives	Class Preparation Reading / Activity	Assignment Due
Module 1 Wednesday, March 4th	Course Introduction	1. Become familiar with course structure, assignments, and	IHRM Chapter 1 Sec 1.2, 1.3	Discussion Post - brainstorm topics for informational

3089A	The Research Process	<p>objectives.</p> <p>2. Put in order the research process and describe each part.</p> <p>3. Explain how research impacts the dental hygiene profession.</p>		<p>poster/literature review</p> <p>Honors – Topic and Faculty Mentor Identification Due</p>
<p>Module 2</p> <p>Monday, March 9th</p> <p>Class Session #1</p> <p>Rm 3089A</p> <p>*Flipped Classroom</p>	<p>Evidence Based Practice and Research</p> <p>Parts of a Research Article</p> <p>Writing a literature review and paper</p> <p>Informational poster assignment</p>	<p>1. Define and describe the components of evidence-based practice.</p> <p>2. Discuss the impact research has on the practice of dental hygiene.</p> <p>3. Identify and describe each part of a research article.</p> <p>4. Define a literature review.</p> <p>5. Become familiar with informational poster assignment.</p> <p>6. Identify a topic for informational poster.</p> <p>7. Write a literature review.</p>	<p>Carmen resources</p> <p>IHRM Chapter 3</p> <p>Nearpod Lecture</p>	<p>HW 1- IP topic and group selection – identify areas of interest and faculty mentors</p> <p><i>*Download and install add-ins for citation management software</i></p> <p><i>*Work on Annotated Bibliography in-class</i></p> <p>Honors – Research Proposal Due</p>
<p>Wednesday, March 11th</p> <p>Class Session #2</p> <p>Rm 3089A</p>	<p>Citation Management</p> <p>Guest Speaker - Ms. Anna Biszaha, OSU librarian</p>	<p>1. Become familiar with citation management tools.</p> <p>2. Implement citation management tools into writing.</p>	<p>Carmen resources</p>	<p>HW 2- Citation</p> <p><i>*Contact Mentor for Meeting – Remember to send Annotated Bibliography and rough draft of outline to mentor</i></p>

		3. Describe the benefits of citation management.		<i>for review prior to meeting</i>
Module 3	Spring Break – March 16 th -20 th – No Class			
Module 4 Monday, March 23 rd Class Session #1 Rm 3089A *Flipped Classroom	Research purpose, hypotheses, questions, and aims	1. Identify the research purpose, hypothesis, research questions, and aims. 2. Create a hypothesis based on a research question.	IHRM Chapter 2 & 4 Nearpod Lecture	Annotated bibliography due <i>*Begin draft of Research purpose, hypotheses, questions, and aims Assignment</i>
	Wednesday, March 25 th Class Session #2 Rm 3089A	Research Ethics	1. Describe ethical principles related to research. 2. Discuss protections for human subjects. 3. Describe responsible conduct of research. 4. Complete CITI and RCR training.	CITI and RCR training Carmen Resources
Module 5 Monday, March 30 th Class Session #1 Location TBD	Exam 1			Mentor Mtg Due
	Wednesday, April 1 st Class Session #2 *Flipped Classroom	Research Designs	1. Define and explain the following types of research designs: Case series, cross-sectional, case control, cohort,	IHRM Chapters 7-15 Nearpod Lecture

		experimental, qualitative, correlational, systematic review, meta-analysis		
<p>Module 6</p> <p>Monday, April 6th</p> <p>Class Session #1 Rm 3089A</p> <p>*Flipped Classroom</p> <p>Wednesday, April 8th</p> <p>Class Session #2 3089A</p>	Sampling Techniques	1. Describe and identify population, random, and purposive sampling.	IHRM Chapter 19 Nearpod Lecture	<p>HW 4- Sampling techniques</p> <p>Introduction Assignment due</p> <p>Honors - Mentor Feedback Introduction/Article Progress</p> <p><i>*In-class – begin to draft literature review</i></p>
	Collecting data and instruments	<p>1. Describe how data is collected.</p> <p>2. Discuss and demonstrate best practices in questionnaire development.</p> <p>3. Define reliability, validity, inter-rater agreement, intra-rater agreement.</p> <p>4. List and describe anthropometric measures.</p> <p>5. Discuss ways to store data after it is collected and their associated risk factors.</p>	IHRM Chapters 21-23	<p>Literature Review- First Draft Due</p> <p><i>*Peer Review in-class</i></p>

<p>Module 7</p> <p>Monday, April 13th</p> <p>Class Session #1 Location TBD</p>	Exam 2			<p>Honors – Mentor Feedback on Draft Due</p>
<p>Wednesda, April 15th</p> <p>Class Session #2 Location TBD</p> <p>*Flipped Classroom</p>	Variables	<ol style="list-style-type: none"> 1. Define the term variable-as related to research. 2. Describe and identify ratio, interval, ordinal, and nominal variables. 3. Describe and identify dependent and independent variables. 	<p>IHRM Chapter 29.2</p> <p>Carmen resources</p> <p>Nearpod Lecture</p>	<p>HW 5 –Variable ID</p> <p>Literature Review – Final Draft Due</p> <p><i>*Final revisions to Literature Review in-class</i></p>
<p>Module 8</p> <p>Monday, April 20th</p> <p>Class Session #1 Rm 3089A</p> <p>*Flipped Classroom</p>	Analyzing a Research Article	<ol style="list-style-type: none"> 1. List the steps in analyzing a research article. 2. Analyze a research article. 	<p>Carmen resources</p> <p>Nearpod Lecture</p>	<p>HW 6 – Analyzing a Research Article – <i>complete in-class</i></p> <p>Honors - Author Biography Due</p>
<p>Wednesday, April 22nd</p> <p>Class Session #2</p>	Informational Poster Design	<ol style="list-style-type: none"> 1. Create first draft of informational poster. 		<p>Draft Informational Poster Due</p> <p><i>*In-class – work with group to draft Informational Poster</i></p> <p>Honors - Submission of Research Article to Dimensions Due</p>
<p>Finals Week</p>	Comprehensive Final Exam			

Location TBD

Week of April 27th, 2026

INDEPENDENT STUDY
COURSE SYLLABUS
DENTHYG 4193E
SPRING, 2025



Course Director	E-mail	Office location	Office hours
Bridget Wright	wright.1873@osu.edu	3054 Postle Hall	By Appointment

Course Description

1 credit hour, online/asynchronous

DENTHYG 4193 is a **one credit-hour independent study** course focusing on local anesthesia. The goal of this course is to build on the students’ foundational knowledge of local anesthesia for pain & anxiety management.

As part of the honors curriculum, students enrolled in this course are expected to complete additional assignments designed to deepen their engagement with the material. Successful completion of these requirements is necessary to fulfill the honors component of the course.

The course director reserves the right to make changes to the syllabus when necessary or beneficial to meet the objectives of the course, compensate for missed classes or schedule changes, or for other legitimate reasons. Students will be notified of any such changes to the syllabus in adequate time to adjust to the changes.

Instructional Objectives

Upon completion of DENTHYG 4193 the student will be able to:

1. Discuss the pharmacology of local anesthetics
2. Describe the selection process for the most effective local anesthetic agent for pain management
3. Identify contraindications for each local anesthetic agent
4. Discuss complications post administration of local anesthesia
5. Describe preparation and techniques for administering local anesthesia to pediatric patients
6. Describe the dosage, including the maximum dose calculations for various agents
7. Practice recordkeeping for various types of anesthetics and injections
8. Critically evaluate and summarize the research available on a topic of choice
9. Gain approval from DH Division Chair for submission of CAT to Clinic Operations Committee

Program Competencies Assessed

N/A

Embedded Literacy Assessed

N/A

Ohio State Dental Board Requirements

Ohio State Dental Board Requirements Covered in Course	Portion of Requirement Met
Fifteen (15) hours of didactic instruction on local anesthesia.	Didactic*: 7 Hours

Textbook(s)

No textbook required. Supplemental reading as assigned.

Course Materials

Carmen will be utilized for communication, course announcements and sharing course materials assignment information. It is expected you will visit your Carmen page for this course frequently. Teaching methods for this course will include searching the literature.

Items noted with an asterisk (*) below must be completed for Honors credit.

Evaluation & Grading

Assessment / #	% of grade	Instructional Objective(s) Assessed
Didactic Activities	100	
Dentalcare.com: Local Anesthetic Agents in Dentistry	22	1-5
Dentalcare.com: Local Anesthesia in Pediatric Dentistry	25	1-6
Dosing Calculations	13	6-7
Critically Appraised Topic (CAT) Topic Approval	2	8
CAT Final Submission	29	8
*CAT Submission to DH Chair	5	9
*CAT Revisions & Final Submission	7	9

Grading Scale	
≥70 – 100	Pass
< 70	Non-Pass

Assignment Overview

1. Dentalcare.com Courses: Complete course and associated quiz. Upload completed quiz to Carmen. Quiz score will be used as your grade in Carmen for this assignment.
2. Dosing Calculations: You will complete a series of case-based questions which will require dosing calculations of administered LA. Assignment will be graded for accuracy.
3. Critically Appraised Topic: Using the College approved CAT template, provide a short summary of the best available research evidence on a topic of interest focused around a clinical question related to local anesthesia. Clinical title and question must be submitted to Course Director and approved prior to completion of assignment.
4. CAT Submission, Revision, & Final Submission: After implementing suggested feedback from course director, submit CAT to DH Division Chair for feedback. Implement suggested feedback and re-submit for submission to College of Dentistry Clinic Operations Committee.

Course Policies & Procedures

Attendance

Federal Financial Aid Handbook defines what constitutes attendance in an online class which can be accessed: <https://fsapartners.ed.gov/knowledge-center/fsa-handbook/2023-2024>

Acceptable indication of student attendance in an online course:

- Submission of an academic assignment
- Submission of an exam
- Documented participation in an interactive tutorial or computer-assisted instruction
- A posting showing participation in an online study group that is assigned by the institution
- A posting in a discussion forum showing participation in an online discussion about academic matters
- An email or other documentation demonstrating initiated contact with a faculty member to ask a question about an academic subject studied in the course.

What does NOT sufficiently indicate attendance?

Per the handbook, "in a distance education context, documenting that a student has logged into an online class is not sufficient, by itself, to demonstrate academic attendance by the student" (Federal Student Aid Handbook, 2016, p. 886). Essentially, a student must be required to do more than just "log in" to be documented as having attended an online course.

Unless otherwise announced by the university, online or distance-learning classes will occur as scheduled. Communication will be via announcement in Carmen Canvas. Please make sure you have notifications enabled on your Carmen settings.

For synchronous sessions, students must report all absences (both planned and unplanned) to the Office of Student Affairs via the absence qualtrics form <https://go.osu.edu/dentistryabsence> in advance of the absence. If the student is unable to report the absence in advance, it must be reported within 48 hours of returning to class.

Please include your class year, dates you will be absent, and any additional information you deem relevant. A Student Affairs staff member will notify the course director of the absence; and whether the absence is excused or unexcused per the established policy.

The full attendance policy is available on the Student Affairs page of the college Intranet <https://dentalintranet.osu.edu/student-affairs/content/compliance>.

Weather or other short-term university closing

Unless otherwise announced by the university, online or distance-learning classes will occur as scheduled.

Students who reported (per the policy) to have an excused absence:

Assessment	Consequences for EXCUSED absences
All Assignments	Contact course director promptly to complete the assignment for full credit. Completion of all assignments is required to achieve credit for the course.

In this course, students who are reported (per the policy) to have an unexcused absence for missing a course activity that impacts the final course grade:

Assessment	Consequences for UNEXCUSED absences
All Assignments	Contact course director promptly to complete the assignment for full credit. Completion

of all assignments is required to achieve credit for the course.
--

Final course grade below C-

Students who do not successfully complete this course (grade of 'D+', 'D' or 'E') must repeat the course prior to graduation. Students MAY be eligible to participate in a remediation program that would allow the student to repeat the course in a revised format before it is regularly offered the following year. The remediation program will be determined by the course director as described below to meet the needs of each student. Final determination as to whether and how a student will be allowed to remediate this course will be made by the Academic Progress Committee considering the student's academic history and in consultation with the course director. All students with a grade below C- in any dental hygiene course will be put on academic probation and will be subject to the conditions of probation as described in the probation letter.

Remediation

If a student is permitted to remediate this course, the student will be enrolled in the course for a second time. The remediation program will involve: (include both what is required and by when)

- Retake the course the next time it is offered

The final course grade for the second enrollment will be determined by the following method/calculation:

- The final course grade will be determined as described in the syllabus for the course the next time it is offered

The final course grade will be determined using the grading scale above.

If the student does not successfully complete the remediation program as described above the student will earn a failing grade ('D+', 'D' or 'E') for the second course. Whether the student passes or fails the second course, the failing grade for the original course will remain on the student's transcript. Students who fail the second course will be subject to the conditions of academic probation; students may have an opportunity to retake the course the next time it is offered or may be dismissed from the dental hygiene program as determined by the Academic Progress Committee.

Mobile Device Statement

The use of mobile devices (e.g. computers, notebooks, phones) for course purposes is acceptable. Minimizing engagement in non-course related activities demonstrates professionalism and is encouraged to focus attention on learning, minimize disruption and foster respect for course instructors.

Email responses statement

Emails will be responded to within 24 hours of receiving them Monday-Friday 8a.m - 5p.m. There is no guarantee that email will be checked on the weekend. Please be patient with the responses and please keep the 24 hours in mind.

Evaluation responses statement

Feedback on graded activities will be provided in a timely manner. If deviation from the timeline needs to occur, the faculty member will promptly communicate the alternative.

Activity	Estimated Timeline for Communication of Student Evaluation
All Assignments	Assessment of all assignment will occur within one week of due date.

Dental Hygiene Program manual:

<https://buckeyemailosu.sharepoint.com/sites/DentalHub/SitePages/Academic-Handbooks-and-Manuals.aspx>

Course Schedule

*All content presented by the course director unless otherwise noted.

Assignment	Instructions	Expectations	Due Date
Dentalcare.com – First Course	See Carmen	Individual	Week 2
Critically Appraised Topic (CAT) Topic Approval	See Carmen	Individual	Week 3
Dentalcare.com – Second Course	See Carmen	Individual	Week 4
CAT Final Submission	See Carmen	Individual	Week 5
*CAT Submission to DH Chair	See Carmen	Individual	Week 8
*CAT Revisions & Final Submission	See Carmen	Individual	Week 12
Dosing Calculations	See Carmen	Individual	Week 15

Course Director	E-mail/Phone	Office location	Office hours
Denise Kissell BSDH, EFDA, MPH	Kissell.22@osu.edu (W) 614-292-8410	3001K Postle Hall	By appointment

Course Description

2 credit hours

DENTHYG 4430 is a CAPSTONE experience that provides the student with the opportunity to apply the knowledge and skills acquired throughout the dental hygiene curriculum. This course is a culminating learning experience designed to broaden the dental hygiene curriculum by providing the student with participation in an in-depth learning experience at a self-selected setting. DH 4430 is typically completed during the final semester of enrollment.

In addition, as part of the honors curriculum, students enrolled in this course are expected to complete additional assignments designed to deepen their engagement with the material. Successful completion of these requirements is necessary to fulfill the honors component of the course.

The course director reserves the right to make changes to the syllabus when necessary or beneficial to meet the objectives of the course, compensate for missed classes or schedule changes, or for other legitimate reasons. Students will be notified of any such changes in adequate time to adjust to the changes.

Course Goal & Instructional Objectives

The goal of this course is to provide students with an in-depth learning experience beyond the traditional dental hygiene clinic experience that inspires self- confidence, fosters interaction with future colleagues and strengthens effective decision-making.

Upon completion of **DENTHYG 4430E** the student will be able to:

1. Identify goals and objectives for professional growth and development
2. Apply knowledge gained in dental hygiene courses in a practical setting.
3. Describe and discuss the unique experiences obtained during the capstone that inspired self-confidence, fostered interactions with future colleagues and strengthened decision-making skills.
4. Demonstrate professional communication skills in both written assignments and oral presentations.

Program Competencies Assessed

Competency Assessed in Course	Assignment	Threshold
3.3 Perform self-assessment for lifelong learning and professional growth.	DB posts at 3-week intervals	≥80%
3.3 Perform self-assessment for lifelong learning and professional growth.	Goals paper	≥80%

Any student who does not meet the threshold will be required to remediate on the assignment to successfully complete the course.

Textbook(s)

Recommended Resource

Wilkins' Clinical Practice of the Dental Hygienist 14th Edition. Linda D. Boyd; Lisa F. Mallonee. 2023 Jones & Bartlett Learning

Course Materials and Required Resources

The Ohio State University's online course management system, **Carmen**, will be utilized for communication, course announcements, submitting assignments and sharing course materials. It is expected you will visit your **Carmen** page for this course frequently and are responsible for viewing all the posted content. **Carmen** is accessed at www.carmen.osu.edu and requires an OSU name.# and password to log in.

Course Evaluation, Grading and Assignment Overview

Assessment	Total Points	% of grade	Instructional Objective(s) Assessed
Capstone Plan Form	20	10%	1
Reflections and Discussions			
Weeks 1 – 3	300	45%	1-4
Weeks 4 – 6			1-4
Weeks 7 – 9			1-4
Weeks 10 – 12			1-4
Weeks 13 – 15			1-4
Infographic	10	5%	2-4
Goals Paper	30	10%	1-4
EPebble ePortfolio	100	10%	2-4
Final Capstone Presentation	100	20%	1-4
Supervisor Mid-Term Evaluation	SATISFACTORY EVALUATION		
Supervisor Final Evaluation	SATISFACTORY EVALUATION		
TOTAL POINTS: 460			

This course is graded: **S / U**

Grading Scale	
≥ 325	S
< 325	U

In order to earn a **Satisfactory** in the course – the student must complete **ALL** activities, obligations, and requirements of the Capstone including the following:

- Attend and participate in all scheduled Capstone experiences
- Complete time logs and reflective Discussion Board posts as assigned
- Receive a “satisfactory” from site-supervisor/faculty on the mid-term and final evaluations
- Create and present a Capstone presentation

Assignment Overview

Discussion Board: Reflection Assignments

- Reflection on experiences during the capstone, analyzing the experiences and describing what it means for you as a dental hygienist
- Submitted every 3 weeks (original post uploaded a week before the due date to give a week for engaging conversations amongst the classmates)
- See reflective writing instructions posted on Carmen
- For point distribution, see assessment rubric posted on Carmen
- Completion of **ALL** reflective DB posts required to pass course

Site supervisor evaluations:

- Evaluation provided by supervisor at the end-of-term
- Satisfactory on the mid-term and end-of-term evaluations **required** to pass course

Goals Paper:

- Construct a paper discussing your personal and professional goals for the next 5 years
- The assignment is worth 30 points
- Refer to Carmen for assignment details and rubric

Capstone Presentation:

- Summary reflection of Capstone experience
- Guidelines, criteria, and instructions posted on Carmen
- Completion and presentation of Capstone Presentation is **required** to pass course

Infographic:

- Design an infographic pertinent to the Capstone site
- Address all 6 categories outlined in Carmen
- Refer to Carmen site for directions

EPebble ePortfolio

- For a teaching Capstone: Establish a list of content (presentation, case study, etc), study materials (study guides, Kahoot, infographic, etc) or assessments (quizzes, OSCE, lab assessments, homework activities) that will be created for the site as part of the Capstone Plan
- For a clinical Capstone: create 5 case studies using unique patient experiences. Include screenshots of charting, radiographs and treatment planning that have been stripped of any personal identifying information.
- Collect content that was created for the course to post in the portfolio
- Write a short reflection for each content, assessment or case study that was created

Assignment submissions:

- LATE submission 5 points deducted for late infographic
- LATE submission 20 points deducted for late reflective Discussion Board post
- LATE submission 35 points deducted for late Capstone Experience Presentation

Attendance

CAPSTONE SPECIFIC ATTENDANCE POLICIES: Capstone sites voluntarily participate in this experience and rely heavily on the student's attendance. Students are required to be in attendance every day they are assigned and you are expected to participate at your assigned Capstone site(s) for the duration of the semester(s). If you are unable to attend the Capstone course, in addition to notifying Student Affairs of your absence, you **MUST** also **contact your site supervisor** (email and/or phone) **and course director (Ms. Kissell) prior to the start** of your day and schedule a make-up time. The **makeup session or assignments** will be assigned at the discretion of the course director, as needed.

Attendance is a factor in the final S/U grade. Students may not schedule board exams during assigned Capstone days and may not request more than one excused absence unless an emergency arises. If there is more than one instance where the Capstone student fails to inform the site supervisor of an absence in advance of their assigned time, has more than one absence, or does not complete make-up time for any days missed, an **unsatisfactory** grade in the course will result. Capstone is a separate course from clinic and therefore does not include the option for using personal days or the option for ending patient care before the end of the semester.

The College of Dentistry's Student Attendance Operating Procedure indicates that students are expected to attend all scheduled course activities, on time and for the entire session.

All absences must be reported to Student Affairs via the absence Qualtrics form <https://go.osu.edu/dentistryabsence> in advance of the absence. If the student is unable to report the absence in advance, it must be reported within 48 hours of returning to class.

Please include your class year, dates you will be absent, and any additional information you deem relevant.

<https://dentalintranet.osu.edu/student-affairs/content/compliance>

A Student Affairs staff member will notify the course director of the absence, and whether the absence is excused or unexcused per the established policy.

Attendance and Academic Progress

Students that exceed 5 (excused or unexcused) absences in total per semester will be required to meet with the Academic Program Services Senior Analyst to discuss the attendance policy. At 10 absences, the student will be asked to appear before the DH Academic Progress Committee and may result in a delay of graduation.

Assessment	Consequences for EXCUSED absences
Time logs	Contact course director promptly to complete time log for full credit.
Reflections	Contact course director promptly to complete reflection for full credit.

Assessment	Consequences for UNEXCUSED absences
Time logs	A score of zero will be recorded (10 points deducted); completion of all time logs is required.
Reflections	Contact the course director promptly to complete reflection for partial credit (25 points deducted); completion of all reflections is required.

Final Course Grade

See the previously listed criteria for satisfactory completion of this course. Any student who is removed from a site for willful disregard of policies and procedures or professional misconduct will receive a grade of unsatisfactory.

Students who do not successfully complete this course (grade of U) must repeat the course prior to graduation.

Remediation

If a student is permitted to remediate this course, the student will be enrolled in the course for a second time.

The remediation program will involve: (include both what is required and by when)

-In the next semester, students will re-enroll in the course and practice the procedures or review the content that they failed under the direction of the course director. When the course director determines that the student is adequately prepared, the student will complete experiences or exams on the content they failed in this course. The course director will work with the student to develop a schedule by which the student must successfully complete the course.

The final course grade for the second enrollment will be determined by the following method/calculation:

-The student's score(s) on the remediated activities(s) will be included with the score(s) of all activities(s) passed in the original course using the grade calculation process described above. The final course grade will be determined using the grading scale above.

The final course grade will be determined using the grading scale above.

If the student does not successfully complete the remediation program as described above the student will earn a failing grade (U) for the second course. Whether the student passes or fails the second course, the failing grade for the original course will remain on the student's transcript. Students who fail the second course will be subject to the conditions of academic probation; students may have an opportunity to retake the course the next time it is offered or may be dismissed from the dental hygiene program as determined by the Academic Progress Committee.

ADDITIONAL COURSE POLICIES:

Mobile Device Statement

The use of mobile devices (e.g. computers, notebooks, phones) for course purposes is acceptable. Minimizing engagement in non-course related activities demonstrates professionalism and is encouraged to focus attention on learning, minimize disruption and foster respect for course instructors.

Problem Resolution

Site supervisors and students are urged to promptly discuss any problem that arises. If an issue or problem arises, an effort should be made to resolve that issue between the two parties whenever possible. A face-to-face meeting is highly recommended. It is also recommended that a follow-up email that documents the discussion be prepared with the student and sent to the site supervisor and the course director. When an issue cannot be resolved, the student and/or site supervisor may ask the course director to intervene.

Email responses statement

Emails will be responded to within 24 hours of receiving them Monday-Friday 8a.m - 5p.m. There is no guarantee

that email will be checked on the weekend. Please be patient with the responses and please keep the 24 hours in mind.

Evaluation responses statement

Feedback on graded activities will be provided in a timely manner. If deviation from the timeline needs to occur, the faculty member will promptly communicate the alternative.

Assignment	Estimated Timeline for Grade Posting
Time log	Grade will be posted on Carmen within one week of due date.
Reflective DB posts	Grade will be posted on Carmen within one week of due date
Writing Assignment	Assessment of writing assignments will occur within two weeks of due date

COURSE SCHEDULE

The course schedule for DH 4430 is variable and dependent upon the location and activities planned for the Capstone. Days/hours are planned by the student and site supervisor. The dates for the semester are January 12th—April 24th

Week/Day/Date/Location	Content Topic	Instructional Objectives	Prep	Assignment Due
Week 1	Site Dependent	Reflect on goals and objectives for professional growth and development	Site Dependent	On Carmen Capstone Plan Form Due: 1/16/26
Weeks 1-3	Site Dependent	Reflect & analyze experiences, relate to DH knowledge	Site Dependent	On Carmen Discussion Board #1 Due: 2/1/26
Weeks 4-6	Site Dependent	Reflect & analyze experiences, relate to DH knowledge	Site Dependent	On Carmen Discussion Board #2 Due: 2/22/26
Weeks 7-9	Site Dependent	Reflect & analyze experiences, relate to DH knowledge	Site Dependent	On Carmen Discussion Board #3 Due: 3/15/26
Week 9	MIDTERM SITE SUPERVISOR EVALUATION— get form to site supervisor at least one week prior to due date			Email to Ms. Kissell Due: 3/22/26
Week 11	GOALS PAPER			On Carmen Due: 3/29/26

Weeks 10-12	Site Dependent	Reflect & analyze experiences, relate to DH knowledge	Site Dependent	On Carmen Discussion Board #4 Due: 4/5/26
Week 13	INFOGRAPHIC ASSIGNMENT			On Carmen Due: 4/12/26
Week 15	CAPSTONE EXPERIENCE PRESENTATION			Carmen: Due: 4/26/26 In-Person Presentations: 5/1/26 12:30—4:30
Weeks 13-15	Site Dependent	Reflect & analyze experiences, relate to DH knowledge	Site Dependent	On Carmen Discussion Board #5 Epebble Portfolio Due: 4/26/26
FINAL SITE SUPERVISOR EVALUATION— get form to site supervisor at least one week prior to due date				By Email to Ms. Kissell Due: 5/1/26