

**HISTOLOGY COURSE SYLLABUS  
FALL 2021 (5/11/2021)**

**COURSE: DNHY 3022 Histology (Lecture)**  
2 Credit Hour Course 2 (2-0)

**DAY/TIME: Tuesday and Thursday 8:00 to 9:00**

**COURSE DELIVERY & LOCATION:**

This course includes both face to face lectures in Centennial Hall room 103-A, and online assignments through D2L. A hybrid class requires you to have access to a computer (with Internet access) to complete and upload your assignment as well as face to face time for class/lab. It is your responsibility to have (or have access to) a working computer in this class. **Assignments and tests are due by the due date, and personal computer technical difficulties will not be considered reason for the instructor to allow students extra time to submit assignments, tests, or discussion postings.** Computers are available on campus in various areas of the buildings as well as the Academic Success Center. **Your computer being down is not an excuse for missing a deadline or a lecture!!** There are many places to access your class! Our online classes can be accessed from any computer in the world which is connected to the internet. Contact your instructor immediately upon having computer trouble. If you have technical difficulties in the course, there is also a student helpdesk available to you. The college cannot work directly on student computers due to both liability and resource limitations however they are able to help you get connected to our online services. For help, log into [D2L](#).

**INSTRUCTOR: Jill Young, R.D.H., B.S.D.H., M.Ed.**

**Office:** Centennial Hall, Room 126. Ext. 4738

**Office hours:** Tues. and Thurs. 11:00 AM-12:00pm & 1:00 PM-3:00 PM

Fri. 9:00-12:00

(Or by appointment)

**SYLLABUS CHANGE**

**POLICY:** This syllabus is a guide for the course- not a “contract” – and is subject to change. Syllabus changes will be communicated via written revisions with a minimum of 48 hours’ notice before relevant changes take place. Please keep this syllabus as a reference. Students are responsible for this information and any changes to the syllabus as explained above. As the daily course schedule is subject to change, it should be understood that regardless of the date, whenever a new section of study is begun, the homework assignment will be due prior to the start of that class period.

## COURSE

### DESCRIPTION: **Course Description from most current MSU Catalog (2020-21)**

Microscopic anatomy of the teeth and related oral structures. Subject matter includes an introduction to General Histology; the embryologic development of the face and oral cavity; development of teeth and their eruption, tooth enamel, dentin, cementum and pulp; periodontal ligament; salivary glands; dental caries; and the temporomandibular joint.

## REQUIRED

COURSE TEXT: *Illustrated Dental Embryology, Histology, & Anatomy*, Fehrenbach & Popowics, 4<sup>th</sup> Ed.

**Students should have supplemental textbooks from other courses**  
*Clinical Practice of the Dental Hygienist*, Esther M. Wilkins, 13<sup>th</sup> Ed.

## COURSE PURPOSE:

The purpose of this course is to give the student a basic understanding of the development of the oral cavity and dentition. It will cover the didactic information to enable the student in assessing intraoral and extraoral features and functions.

## KEY CONCEPTS:

1. The profession of dental hygiene is much more than the mechanical removal of tooth deposits.
2. Oral histology provides fundamental knowledge and concepts that relate directly to a basic appreciation of the rationale behind clinical therapies and basic science course

## COURSE OBJECTIVES:

**Given reading assignments, lecture, class discussions and homework assignments, upon completion of this course the student should be able to:**

1. Integrate the study of the embryonic & fetal periods of prenatal development into orofacial development and the clinical considerations due to developmental disturbances associated with these structures.
2. Integrate the study of facial and neck developments into understanding the observed orofacial structures and the clinical considerations due to developmental disturbances of these structures.
3. Integrate the study of palatal development into understanding the present structure and the clinical considerations due to developmental disturbances involved in palatal development.
4. Integrate the study of tooth/root development and eruption into understanding the present tooth anatomy and the clinical considerations due to developmental disturbances.
5. Integrate the study of basic histology of the epithelium and connective tissues into understanding the clinical considerations of the orofacial region.

**COURSE EVALUATION:**

**Weekly written or online quizzes:**

- 6 in class and 4 online quizzes will be taken over material presented in class, homework, handouts, PowerPoints and reading assignments.
- Written quizzes will be dropped only for documented excuses. If an absence is unexcused, the quiz grade will result in a zero. If the absence is excused, the student may take the quiz prior to the beginning of the next scheduled class. Only 1 excused absence is allowed.
- Online quizzes will focus on case studies and are to be placed in the dropbox provided before 8:00 am on the due date. No exceptions!

**Online Quiz Grading Rubric:**

POINTS GIVEN	ADVANCED 4	PROFICIENT 3	NEARLY PROFICIENT 2	EMERGING 1
Comprehension of the question	Has lots of details to show you understood the question.	Has some details to show you understood the question.	Doesn't have enough details to show you understood the question.	Showed no details.
Organization of thoughts	Is organized and complete.	Is mostly organized.	Is somewhat unorganized and unclear.	Is unorganized and unclear.
Originality	Explains your ideas.	Mostly explains your ideas.	Somewhat explains your ideas.	Has no explanation or ideas.
Correct answer	Has correct answer.	Has an answer that is almost correct.	Has an answer that is somewhat correct.	Has the wrong answer.
Spelling & Grammar	No spelling or grammar errors.	Has 1 or 2 spelling or grammar errors.	Has more than 2 errors.	Has more than 3 errors.

**Examination & Final Project:**

- A comprehensive written final examination will be given at the end of the semester covering all course material.
- A creative digital project will be due near the end of the semester (see calendar) and will be graded according to creativeness, grammar, spelling and content, and presentation (see "Special Project" below.) No late projects accepted.

Water bottles, cell phones, calculators or computers are not allowed during examinations. Possession of any of these devices during an exam will be construed as academic dishonesty and will be dealt with accordingly.

Leaving the examination room for any reason will be construed as completion on given exam and student will not be allowed back into the testing room for completion.

**Special Digital Focus Project: “Simplification of Histological and Embryological Complexities Utilizing Creativity and Animation”**

The objective of this program is to design a creative animation project based on any of the twelve chapters of study (F&P 3-14) covered in class. The students must research the data, become thoroughly knowledgeable, and possess enough confidence with their topic to successfully transform monotonous, factual information into enlightening and entertaining material. This technique enhances the students’ capacity for long term retention through achieving the level of understanding necessary for creative adaptation and application. It also provides an opportunity other than traditional testing for artistic students to excel. A paper must accompany this project and be submitted via email. The paper must be at least 800 words with a bibliography. Examples of acceptable digital formats include: cartoons, video presentation, fictional short stories (electronic), online games, screen plays, you tube videos or any other digital format approved by the instructor.

<b>Points Assessed:</b>	
Accuracy of Content	20
Descriptive Paper	20
Creativity and Illustration	20
Poise	20
Presentation	20
Total Project Grade	100

**The project is due during class time on the date printed on the schedule. No exceptions.**

*All projects must be submitted electronically through email or D2L.*

**Oral Histology and Embryology Special Project Evaluation Grading Rubric:**

Grading	20 pts	10 pts	0	Points Given
Accuracy	All information presented by the student was accurate.	1-2 inaccuracies of information presented.	2 or more inaccuracies of information.	
Descriptive Paper	The paper was precise, clear and free of grammatical errors.	The paper had 1-4 grammatical errors and was slightly imprecise and unclear.	The paper had 5 or more grammatical errors and was imprecise and unclear.	
Creativity and Illustration	The project was well thought out and interesting for all. The illustration was dynamic and was presented in an electronic format with sufficient use of digital technology.	The project was unorganized but interesting. The illustration was presented electronically with insufficient use of technology.	The project was unorganized and boring. The illustration was not electronically presented.	
Poise	Student displays relaxed, self-confident nature about self, with no mistakes. No Um’s. No note cards used.	Student makes minor mistakes, but recovers quickly and displays little or no tension. 1-5 Um’s. Note cards used but not relied upon.	Student displays mistakes and has trouble recovering from them. More than 5 Um’s Note cards used frequently.	
Presentation	The presentation was entertaining, informative and held the audience's attention.	The presentation was somewhat entertaining and mostly held the audience’s attention.	The presentation was not entertaining and did not hold the audience’s attention.	

### Final Course Computation

On-Going Quizzes Average (6 in class & 4 online)	25%
Final Exam	30%
Special Project (Paper 50% Presentation 50%)	30%
On-Going Homework Average	<u>15%</u>
	100%

### Dental Hygiene Program Grading Scale

92 - 100 = A

83 - 91 = B

75 - 82 = C

65 - 74 = D

**(D Constitutes Failure of course & student cannot matriculate into the 4<sup>th</sup> and final semester of the**

### CLASS ATTENDANCE:

Attendance is critical in order to achieve the maximum benefits of this course. Reviewing notes and the reading assignments without active participation in the course's clinical activities will not permit the student to adequately meet course objectives. Therefore, **MORE THAN 2 ABSENCES FOR ANY REASON WILL RESULT IN THE FINAL COURSE GRADE BEING LOWERED ONE FULL LETTER GRADE.** In cases of extreme illness and/or hospitalization, individual decisions may be made.

**Two (2) tardies will be the equivalent of 1 absence.**

Students are responsible for all material presented in lecture as well as assigned reading. It is the student's responsibility to obtain any handouts or notes missed in class.

### RECORDING OF CLASS LECTURES:

Taping of class lectures will be permitted, but **ONLY** with **PRIOR APPROVAL** of instructor.

### PHONE USE:

Cell phone use (texting or verbal) is extremely disruptive to your fellow classmates and to the faculty teaching your course. Therefore **the use of cell phones will not be tolerated, FOR ANY REASON.** If you utilize your cell phone it will be confiscated for the remainder of the scheduled day. Repeat offenders will be asked to leave the classroom and will be required to meet with the faculty and the chair of the Dental Hygiene Dept. In case of emergencies, please notify spouses, family and friends to contact you via the program secretary at 397-4764.

### COVID-19 POLICIES:

Students must follow MSU and Clinical site protocols related to COVID-19.

**MSU is following the CDC guideline recommendations.**

### THE AMERICAN WITH DISABILITIES ACT:

Midwestern State University does not discriminate on the basis of an individual's disability and complies with Section 504 and the Americans with Disabilities Act in its admission, accessibility, and employment of individuals in programs and activities. MSU provides academic accommodations and auxiliary aids to individuals with disabilities, as defined by law, who are otherwise qualified to meet academic employment requirements. For assistance call (940) 397-4618 or (940) 397-4515.

It is the student's responsibility to declare any disabilities. After declaration, preferably at the beginning of each semester, the student needs to contact individual instructors to determine any reasonable accommodations that may be required.

## ACADEMIC DISHONESTY/ Dental Hygiene Honor System:

All Dental Hygiene courses adhere to the MSU Code of Conduct. In particular, academic dishonesty, however small, creates a breach in academic integrity. A student's participation in this course comes with the expectation that his or her work will be completed in full observance of the MSU Code of Student Conduct. A student should consult the current Student Handbook for answers to any questions about the code.

Many components of dental hygiene courses are designed to be highly interactive with students helping each other learn. Students are encouraged to take full advantage of many resources available including course resources, Internet sites, other textbooks and journals, faculty, and peers when answering objectives. This interactive collegial learning environment is conducive for life-long learning.

Cheating includes, but is not limited to, (1) use of any unauthorized assistance in taking quizzes, tests, or examinations; (2) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or completing other assignments; or (3) the acquisition of tests or other academic materials belonging to the university faculty or staff without permission.

Plagiarism includes, but is not limited to, the use of, by paraphrase or direct quotation without correct citation in the text and on the reference list, the published or unpublished works of another person. Students may NOT submit papers and assignments that they have previously submitted for this or other courses. The use of materials generated by agencies engaged in "selling" term papers is also plagiarism. Students are encouraged to review the tutorials and suggested websites for more information about plagiarism.

Academic dishonesty (cheating, plagiarism, etc.) will not be tolerated in this class. Whenever a student is unsure of whether a particular situation will be interpreted as academic dishonesty, he/she should ask the instructor for clarification. If students are guilty of academic dishonesty, a grade of zero (0) will be given for the quiz, assignment, etc. Cases may also be referred to the dean of Students for possible dismissal from the university.

### PLEASE NOTE:

*By enrolling in this course, the student expressly grants MSU a "limited right" in all intellectual property created by the student for the purpose of this course. The "limited right" shall include but shall not be limited to the right to reproduce the student's work product in order to verify originality and authenticity, and for educational purposes. Specifically, faculty may submit student papers and assignments to an external agency to verify originality and authenticity, and to detect for plagiarism*

### ETHICS AND PERSONAL VALUES

The following is excerpted from *Clinical Practice of the Dental Hygienist*, 12<sup>th</sup> Ed, by Esther M. Wilkins, Chapter 1: **"Each dental hygienist represents the entire profession to the patient being served. The dental hygienist's expressed or demonstrated attitudes toward dentistry, dental hygiene, and other health professions, as well as toward health services and preventive measures, will affect the subsequent attitude of the patient toward other dental hygienists and dental hygiene care in general."**

..... "A dental hygienist may be involved in a variety of moral, ethical, and legal situations as part of the daily routine."

### MSU COHSHS STUDENT CONDUCT APPEALS COMMITTEE:

- All Midwestern State University (MSU) students may legitimately appeal a course grade if: 1)

- the student has not been evaluated according to the same criteria as his or her classmates, or 2) an error has been made in grading and/or posting (MSU Student Handbook, p. 37). In addition, the Office of the Dean of Students has the responsibility to enforce standards of conduct for students as outlined in the MSU Student Handbook (p. 70-80).
- When enrolled in the college of Health Sciences and Human Services (COHSHS), students are often assigned to community agencies, such as health care facilities, social service agencies, or athletic environments, as part of their academic process. During these experiences, the student is expected to behave in a manner required of professionals working in this environment. COHSHS students may also be required to successfully complete a licensing/certification process following graduation. As a result, students in these programs are often held to a different academic and/or behavioral standard than students in other MSU programs. For example, students may not be allowed to progress in a program if they have been unsuccessful (D or F) in a certain number of courses in the major. In these circumstances, COHSHS faculty and administration, all of whom have had similar professional experience, may make decisions which negatively impact students' programmatic progress.
  - COHSHS students have a right to a review of decisions made by the program faculty, which prevent individuals from progressing in their program in a timely manner. However, those who participate in the review must understand the context of the professions involved. Therefore, issues concerning the professional conduct of students in the COHSHS will NOT be brought to the University Grade Committee, but to the COHSHS Student Conduct Appeals Committee. Specifically, the COHSHS Student Conduct Appeals Committee will review faculty decisions related to:
    - Student conduct in a clinical experience, internship, or other work-related environment that negatively impact the student's academic progress. This conduct may include behavior which is prohibited by licensing and/or professional standards or departmental policy.
    - Student removal from a program because of a) professional conduct issues, or b) failure to maintain academic standards required specifically by the program\*
- SEE COHSHS WEB SITE FOR A COMPLETE COPY OF THIS POLICY**

### **Concealed Handguns on Campus**

Senate Bill 11 passed by the 84<sup>th</sup> Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage at <http://mwsu.edu/campus-carry/rules-policies>

### **Social Media**

#### **DO NOT:**

Do not use any social media site related to Midwestern State University or the Dental Hygiene Dept. /Program to harass, threaten, insult, defame or bully another person or entity; to violate any College policy; or to engage in any unlawful act, including but not limited to gambling, identity theft or other types of fraud.

- Post or store content that is obscene, pornographic, defamatory, racist, excessively violent, harassing, threatening, bullying or otherwise objectionable or injurious.
- Post copyrighted content (such as text, video, graphics or sound files) without permission from the holder of the copyright. Remember, even information that is widely available to the public (such as text, photographs, or other material posted on the Internet) may be subject to copyright restrictions that prohibit unauthorized duplication or dissemination.