

Dental Embryology/Histology

DH - 1350 001

Course Student Learning Outcomes

- Identify the basic components and functions of various histological tissues.
- Describe the structure and function of the body's primary tissues and their purposes.
- Describe the steps of odontogenesis.
- Explain the origin, function and abnormalities of dental tissues.
- Illustrate the developmental disturbances that can occur during embryological development.
- Contrast the structures that develop from each of the pharyngeal arches.
- Discuss the complex innervation of the tongue in relation to its embryological development.
- Categorize the developmental processes.
- Compose dialogues with patients explaining developmental disturbances.
- Predict how the varying healing times of tissues will relate to periodontal regeneration.
- Evaluate which times are critical for embryological development.
- Defend why knowledge of embryological development is essential to the profession of dental hygiene.

Course Prerequisites

Admission into Dental Hygiene Program at SLCC

Engagement Plan

“Some course content may be provided in the following formats: in-person, synchronously, asynchronously. For any assessments offered through Canvas, Respondus Monitoring will be required to ensure student identification and protect student privacy”. Students are required to read, acknowledge, and agree to these responsibilities and rights

Example language:

- I will respond to email within 1-2 weekdays. I will offer feedback on major assignments within 1-2 weekdays. The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.
- In this course I will be posting interactive announcements which will offer specific opportunities for class questions and extra credit every other week.
- Additionally, I will be participating in the discussion forums with you to share my perspective within the discipline and to offer some nuances of interpretation that may not be present in your textbook.
- Lastly, we'll be holding small group Q & A sessions, where we can learn from our peers (and faculty) on some of the more difficult units within the course.

Course Content Advisory

REQUIREMENT FOR SUCCESSFUL COMPLETION OF THIS COURSE:

A minimum passing grade of C, or 75, is required for successful completion of this course.

LATE WORK POLICY:

Late work will not be accepted in this course. Students will show organization, responsibility, and accountability. Excuses will not be accepted to invalidate the policy. Late assignments, quizzes, or exams will be given a '0' grade.

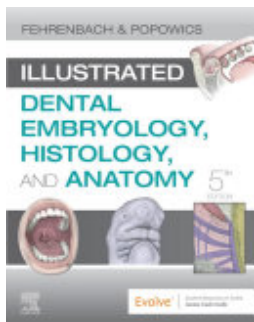
“Generative artificial intelligence (AI) software is a rapidly emerging tool that students may be interested in using. If doing so, SLCC students are expected to adhere to the same standards as the Code of Student Rights and Responsibilities statement on plagiarism. Presenting generative AI software content as your own is a violation of academic integrity. **If you use generative AI in your work, you must indicate that you have done so.”**

My intent for this class is to create a space where all students feel included, heard, and respected, and where students’ ideas, backgrounds, and individualities are valued and viewed as an asset to our shared learning community. We all come to this course with unique life experiences, which will allow or multiple perspectives to be voiced in our discussions. This will be a strength to our class as we strive to communicate and connect across differences and build an inclusive and equitable learning environment. If you have a conflict within a class or assignment and a religious/cultural/spiritual event, please notify me beforehand, and we will make arrangements.

[Keys for Success \(how to succeed in the course\)](#)

Attend all classes, do all homework, study for quizzes, exams and the comprehensive final. Be positive and support one another in class. Be respectful to all. You worked hard to get into this program. You got this!

Required Text or Materials



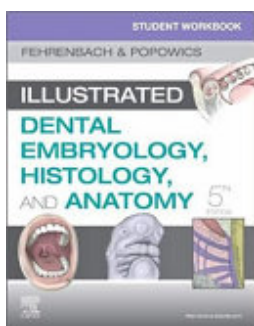
Title: Illustrated Dental Embryology, Histology, and Anatomy E-Book

ISBN: 9780323611084

Authors: Margaret J. Fehrenbach, Tracy Popowics

Publisher: Elsevier Health Sciences

Publication Date: 2019-11-01



Title: Student Workbook for Illustrated Dental Embryology, Histology and Anatomy

ISBN: 9781974812363

Authors: Margaret J. Fehrenbach RDH MS

Publication Date: 2020-01-03

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Introduce yourself to the class	Discussion	0
9/1/25	Online Response #1	Assignment	10
9/1/25	Unit II Case Study 4	Assignment	5
9/1/25	Unit II Case Study 5	Assignment	5
9/1/25	Weekly Online Quiz (ch 3)	Quiz	30

Due Date	Assignment Name	Assignment Type	Points
9/8/25	Online Response #2	Assignment	10
9/8/25	Unit II Case Study 3	Assignment	5
9/8/25	Weekly Online Quiz (ch 4)	Quiz	30
9/15/25	Weekly Online Quiz (ch 5)	Quiz	31
9/15/25	Online Response #3	Assignment	10
9/15/25	Unit II Case Study 2	Assignment	5
9/22/25	Unit II Case Study 1	Assignment	5
9/22/25	Weekly Online Quiz (ch 6 part I)	Quiz	30
9/29/25	Online Response #4	Assignment	10
9/29/25	Weekly Online Quiz (ch 6 part II)	Quiz	33
10/1/25	Section Exam I (Unit II ch 3-6) - In Class	Quiz	67
10/13/25	Online Response #5	Assignment	10
10/13/25	Weekly Online Quiz (ch 7)	Quiz	30
10/13/25	Weekly Online Quiz (ch 8)	Quiz	31
10/20/25	Weekly Online Quiz (ch 9)	Quiz	30
10/20/25	Online Response #6	Assignment	10
10/20/25	Unit III Case Study 5	Assignment	5

Due Date	Assignment Name	Assignment Type	Points
10/27/25	Online Response #7	Assignment	10
10/27/25	Unit III Case Study 2	Assignment	5
10/27/25	Weekly Online Quiz (ch 10).	Quiz	31
10/29/25	Section Exam II (Unit III ch 7-10) -	Quiz	64
11/10/25	Online Response #8	Assignment	10
11/10/25	Online Response #9	Assignment	10
11/10/25	Unit III Case Study 3	Assignment	5
11/10/25	Weekly Online Quiz (ch 11).	Quiz	34
11/10/25	Weekly Online Quiz (ch 12).	Quiz	26
11/17/25	Online Response #10	Assignment	10
11/17/25	Unit III Case Study 4	Assignment	5
11/17/25	Weekly Online Quiz (ch 13).	Quiz	31
11/24/25	Online Response #11	Assignment	10
11/24/25	Online Response #12	Assignment	10
11/24/25	Unit III Case Study 1	Assignment	5
11/24/25	Weekly Online Quiz (ch 14).	Quiz	38.5
11/24/25	Weekly Online Quiz (ch 19).	Quiz	31

Due Date	Assignment Name	Assignment Type	Points
12/3/25	Section Exam III (Units III & IV ch 11-14, 19) - Requires Respondus LockDown Browser + Webcam	Quiz	62
12/17/25	Comprehensive Final Exam	Quiz	102

Brief Description of Assignments/Exams

You will have weekly open book quizzes, online assignments, and case studies. These will help you significantly learn the material.

You will have 3 section exams and one Comprehensive Final Exam. You will do amazing!!! Hard work will pay off - I promise

Grading Scale

EVALUATION CRITERIA:

- Case Studies (10) are used to test the students' ability to apply course concepts to the assessment of a patient in clinical practice. Ten different case studies will be presented from the Student Workbook and the student will submit the answers to five questions through Canvas regarding the information. Submittals are due by Monday following the lecture week at 10 PM.
- Weekly Online Responses (12) will be submitted through canvas using specific criteria and a grading rubric. Responses are due on Tuesday by 10 PM following the lecture week.

- Weekly Online Chapter Quizzes (14) will be given in Canvas and be used to summarize and review the chapter information covered in each lecture. They are open book, but not open classmate. They are designed to assist the student in learning and preparation for exams. They are due the following week before class begins.
- Section Exams (3) will be used to summarize and reinforce information from the following chapter sections: 3-5, 7-11, and 12-14, 19. Section exams are given in Canvas during class. The exams will consist of multiple-choice questions, labeling, fill-in-the-blank, matching, and/or essay questions. The exam will open at 6:00 AM of test day and close at 11:59 PM. There will not be a scheduled class the day of the Section Exams.
- A Final Exam will be comprehensive and consist of approximately 150 points. The format of the exam will include multiple-choice, matching and labeling questions. Exam will cover information presented in reading assignments, homework, and lecture notes. The final exam will be given in the assessment center.
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DH 1050 GRADING: Case Studies (50 pts.) 15%

Online Responses (120 pts.) 15%

Weekly Online Chapter Quizzes (280 total pts.) 20%

Section Exams (180 total pts.) 25%

Comprehensive Final Exam (150 pts.) 25%

100%

GRADING SCALE AND POLICY:

A = 100 – 95 % B = 86 – 83 % C = 77 – 75 % D = 66 – 64 % A- = 94 – 90 % B- = 82 – 80 % C- = 74 – 71 % D- = N A B+ = 89 – 87 % C+ = 79 – 78 % D+ = 70 – 67 % E = 63 – and below

A : For outstanding work which demonstrates exceptional mastery of course material

B : For good work which is clearly beyond simple mastery of material

C : For acceptable work indicating a mastery of the basic concepts of a course (75% and above)

D : For unacceptable work that fails to meet course requirements

F : For unacceptable work that fails to meet course requirements

REQUIREMENT FOR SUCCESSFUL COMPLETION OF THIS COURSE:

A minimum passing grade of C, or 75, is required for successful completion of this course.

[How to Navigate to Canvas](#)

[Institutional Policies](#)

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements.

By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Additional Policies

STUDENT AFFAIRS CODE OF STUDENT RIGHTS AND RESPONSIBILITIES

Students are expected to follow all provisions of the Student Code of Conduct available here:

http://www.slcc.edu/policies/docs/Student_Code_of_Conduct.pdf

EMERGENCY EVACUATION PROCEDURE

When instructed to evacuate the building, always leave immediately. The Dental Hygiene Department will meet in front of the LDS Institute (northeast corner of the building) for a head count and further instructions. As a rule, it is recommended that you evacuate the building at a distance of one and a half times the size of the building to avoid harm. Any question, please contact (801) 957-4963 www.slcc.edu/riskmanagement/docs/2011

PLAGIARISM Students are expected to reference all sources of information. Any plagiarism will result in failure of the assignment and possible failure of the course. Information must not be copied from other students work, textbooks or internet sources.

ELECTRONIC/WIRELESS DEVICES IN CLASSROOM The advent of technology use in the classroom as an instructional tool has caused both opportunities and distractions. The expectations for this course are that you are engaged and present during class time, which means that you will be free from technological distractions. Research has shown that these distractions cause individual inattentiveness and can make it difficult for others to stay focused on the immediate discussions. The following policies are in effect during our time together:

1. Cell phones, iPods, pagers, High-Resolution DVR Spy Pens with webcam and microphone or any device (excluding ADA authorized devices) that may distract from the class should be silenced before entering the classroom and may not be on the desk during class or exams. If you have an emergency and must use your cell phone, please

exit the classroom to take the call. If you are discovered reading/sending text messages during class, you could be asked to leave the class and will be counted absent for that class session.

2. You are expected to engage in discussion for the class. You may use your computer to access your textbook, take notes, and research the discussion topic. However, some students may find it difficult to refrain from reading emails, surfing the web, and engaging in other activities not related to the class. Therefore, if you are discovered engaging in computer activities not directly related to the class, you will be asked to leave the class and will be counted absent for that class session.

3. You may not record or publish information from the class without written authorized use from the instructor. If used without authorization you have violated PRIVACY/INTELLECTUAL PROPERTY RIGHTS.

PROFESSIONALISM:

Professionalism is expected and includes at a minimum the following capabilities and traits :

1. Appearance: Displays appropriate professional appearance and is appropriately groomed as defined in the SLCC Dress Code.
2. Attitudes: Is actively concerned about others. Maintains a positive outlook toward others and toward assigned tasks. Recognizes and admits mistakes. Seeks and accepts feedback to improve performance.
3. Dependability: Completes tasks promptly and well. Arrives on time for online lectures and actively participates in clinical and didactic activities. Follows through and is reliable.
4. Function under stress: Maintains professional composure and exhibits good personal and clinical judgment in stressful situations. Recognizes the importance of

maintaining professional behavior in the clinical setting, in spite of inappropriate action on the part of others.

5. Initiative: Independently identifies tasks to be performed and makes sure that tasks are completed satisfactorily. Performs duties promptly and efficiently. Is willing to spend additional time and to assume new responsibilities. Recognizes when help is required and when to ask for guidance.
6. Integrity: Displays honesty in all situations and interactions; is able to identify information that is confidential and maintain its confidentiality.
7. Interpersonal relationships: Provides support and is empathetic and considerate in interactions with peers, patients, faculty, and staff. Interacts effectively with "difficult individuals." Demonstrates respect for and complements the roles of other professionals. Is cooperative and earns respect.

Tolerance: Demonstrates ability to accept people and situations. Acknowledges his/her biases and does not allow them to affect patient care or contribute to inappropriate interactions with others.

Please sign

Salt Lake Community College Dental Hygiene Program

Course Verification of Agreement

I have read the DH 1350 Dental Embryology and

(Print your name)

Histology Fall Syllabus. I have been given the opportunity to have any questions I had regarding the contents of this syllabus answered; thus, I understand that I am responsible for ALL the material contained within this syllabus.

I understand that ALL assignments and coursework contained herein or assigned by the course director must be completed with a passing grade of >75%. If not, remediation will be necessary to continue in good standing in the Dental Hygiene program.

I also agree to comply with all course requirements and program standards contained within the Salt Lake Community College Course DH 1350 syllabus document.

Student Signature: _____ Date: _____