COURSE NO. AND TITLE: DH 233-2 Histology and Embryology

COURSE INSTRUCTOR: Jennifer S. Sherry, RDH, MSEd, Associate Professor, Dental Hygiene, School of Allied Health
Office: ASA, Room 130
Phone: 618-453-8891 (O); 618-985-4933 (H) (only use for emergency)
DH Clinic phone: 618-453-8826/8846
SAH office: 618-453-7211/ fax 618-453-7020
Email: clnteth@siu.edu (O) OR jenlater@msn.com (H)

COURSE CONTACT OPPORTUNITIES: E-mail or phone during normal office hours (Monday---8-10 AM; Tuesday---10-12 PM; Wednesday---1-3 PM or by appt.)

CLASS TIME/LOCATION: Self-study, online, individual completion plan (asynchronous)

FINAL EXAM: The final exam must be completed online by May 11, 2016 at 5:00pm

Academic Honesty:
All students are expected to adhere to a strict code of academic honesty. Academic dishonesty will be addressed according to the “Policies and Procedures Applicable to Academic Dishonesty” as stated in the “Important Information for Students, Faculty, & Staff” booklet. From the “Student Conduct Code”, section II, article A:

ACADEMIC HONESTY: Students are expected to adhere to the policies regarding academic dishonesty and plagiarism, found in the latest edition of the SIUC Student Conduct Code http://policies.siu.edu/documents/StudentConductCodeFINALMay32011.pdf and http://studentlife.siu.edu/policies_resources/resources.html. All students are expected to adhere to a strict code of academic honesty. Academic dishonesty will be addressed according to the “Policies and Procedures Applicable to Academic Dishonesty” as stated in the Important Information for Students, Faculty, & Staff booklet. From the Student Conduct Code, section II, article A:

Acts of Academic Dishonesty: Plagiarism, representing the work of another as one’s own work; Preparing work for another that is to be used as that person’s own work; Cheating by any method or means; Knowingly and willfully falsifying or manufacturing scientific or educational data and representing the same to be the result of scientific or scholarly experiment or research; Knowingly furnishing false information to a university official relative to academic matters; Soliciting, aiding, abetting, concealing, or attempting conduct in violation of this code. Sanctions will be imposed for violations of this policy in accordance with the Student Conduct Code. A copy of the Important Information for Students, Faculty & Staff booklet can be obtained from the Office of the Vice Chancellor for Student Affairs, Mail code 4308, Southern Illinois University, Carbondale, IL 62901-4308.

Dental Hygiene Specific System: If the student is involved in any acts of academic dishonesty, they will be disciplined. The discipline action will be decided by the faculty for this course as well as the Program Director for Dental Hygiene. This action will also be documented in the students’ permanent file. The student will also sign a form that states they understand and agree with discipline.

Davis 1-11-2016
ADA ACCOMMODATIONS: In keeping with the goal of the implementation of the Americans with Disabilities Act (ADA), all students for whom this act applies should notify the instructor immediately. If any student needs special services, please contact a faculty member or Disability Support Services at 453-5738. Peer tutors are also available; see Robert Broomfield, Academic Advisor for the School of Allied Health for details.

COURSE DESCRIPTION:
The goal of this course is to enable the dental hygiene student to develop a basic understanding of the microscopic structure of the primary and dental tissue groups of the human body. This course also enables the student to relate embryonic development to the normal and abnormal structures of the head and oral cavity. This background will prepare the student to differentiate between normal and abnormal clinical manifestations in subsequent courses.

PROGRAM COMPETENCIES:
C.5 Assume responsibility for professional actions based on accepted scientific theories, research, and the accepted standard of care.
C.7 Integrate accepted scientific theories and research into educational, preventive and therapeutic oral health services.
PC.2 Recognize predisposing and etiologic risk factors that require intervention to prevent disease.

COURSE OBJECTIVES:
1. To be able to distinguish between the cells, tissues and organs of the human body with a focus on the oral cavity and the facial area by developmental structures and function.
2. To be able to recognize the morphology and physiologic features of tissues found in the oral cavity.
3. To be able to identify and assess facial and oral developmental abnormalities in relation to the development of the human embryo and fetus.
4. To be able to correctly identify and predict the developmental eruption, patterns and exfoliation of teeth.
5. To master the required terms, concepts and clinical application to integrate the material into future dental hygiene courses and required licensing examinations.

CONTENT OUTLINE:
<table>
<thead>
<tr>
<th>Topic</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit One: Histology and Anatomy Foundations</td>
<td>20%</td>
</tr>
<tr>
<td>Unit Two: Dental Embryology Foundations</td>
<td>30%</td>
</tr>
<tr>
<td>Unit Three: Tooth Development</td>
<td>30%</td>
</tr>
<tr>
<td>Unit Four: Periodontal Foundations</td>
<td>20%</td>
</tr>
<tr>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

INSTRUCTIONAL OBJECTIVES are posted on D2L

COURSE DELIVERY/METHODOLOGY;
- The course will be delivered online using the D2L system.
- This course is completely self-study and is offered in a self-paced format. A weekly schedule is provided to encourage steady progress through the 16 weeks of self-study.
- This course utilizes: recorded lectures using the chapter focused power points; the actual power points to download and opportunity to print; supporting YouTube videos for most chapters; worksheets for specific chapters; a required 10 question quiz at the end of each chapter.
GRADING/FINAL GRADE/GRADING SCALE:
The final grade received in the course will be based on the number of points earned on the quizzes, tests and final examination.

No incomplete grades (“INC”) will be given. The student’s grade will be computed based upon the cumulative total. The student MUST attain a grade of “C” or better to advance, otherwise the course MUST be repeated when offered in the fall.

Grading scale
90-100 = A
80-89  = B
70-79  = C
60-69  = D
50-59  = F
D or F----REPEAT THE COURSE

TEXTBOOK:

COURSE REQUIREMENTS:

EVALUATION:
All quizzes, tests and the final will be in an online, multiple choice format where you will be given 1 ½ minute per question. You will not be allowed to revisit past questions or answers.

QUizzes: Thirteen---10 question quizzes to be taken on D2L worth 10 points each. A score of 80% must be reached in order to receive credit for that quiz. You will be given three (3) opportunities to take the quiz.

Tests: Two (2) comprehensive tests will be given worth 50 points each (25 questions)

Final Exam: The final will be worth 100 points (50 questions). The final must be completed by May 11, 2016 at 5:00pm. Comprehensive Final: 10% Foundations; 35% Embryology; 35% Tooth Dev; 20% Periodontium

EVALUATION:

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (13x10)</td>
<td>130</td>
</tr>
<tr>
<td>Exam 1</td>
<td>50</td>
</tr>
<tr>
<td>Exam 2</td>
<td>50</td>
</tr>
<tr>
<td>Final</td>
<td>100</td>
</tr>
<tr>
<td>Total Possible Points</td>
<td>330</td>
</tr>
</tbody>
</table>

GRADING SCALE:
287-330 = A
264-286 = B
231-263 = C
198-230 = D
197 or < = F
The minimum passing grade in DH233 is a “C”. If a “D” or “F” is earned, the student must consult with the Program Director and his/her academic advisor in order to determine the impact that either grade will have upon the student’s academic career. The student must also successfully repeat the course the next semester that it is available.

This DH 233 online course was developed by Dr. Joan Davis, 1.11.16