COURSE NO., HOURS, AND TITLE: DH 233—2 Histology and Embryology

INSTRUCTOR: TBD

INSTRUCTOR CONTACT INFORMATION:
Telephone: TBD
E-mail: TBD
Office Location: TBD
Office Hours: TBD

COURSE DESCRIPTION:
233-2 Histology and Embryology. 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. 16 weeks. Two credit hours. Restricted to DH majors.

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>
TEXTBOOK: