

## MASTER SYLLABUS

**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:**

<b>Topic</b>	<b>Percentage</b>
Unit One: Histology and Anatomy Foundations	20%
Unit Two: Dental Embryology Foundations	30%
Unit Three: Tooth Development	30%
Unit Four: Periodontal Foundations	<u>20%</u>
	100%

**TEXTBOOK:**

Bath-Balogh & Fehrenbach (2006). Dental Embryology, Histology, and Anatomy. 3rd ed. St. Louis, MO., Saunders.