



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Dental Embryology, Histology, and Anatomy
Course Number: DHY121

Required Materials

Textbook(s):

- 1) Fehrenbach, M. J., & Popowics, T. (2026). *Illustrated Dental Embryology, Histology, and Anatomy* (6th ed.). Elsevier/Saunders
- 2) Fehrenbach, M. J., & Herring, S. W. (2021). *Illustrated anatomy of the head and neck* (6th ed.). Elsevier/Saunders
- 3) Siggard, F. (2013). *Head and Neck by Numbers* (3rd ed.). Anatomy Numbers
<https://www.anatomynumbers.com/>

Required Readings: See weekly calendar below

Additional Materials: None

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	Lecture: CH 1 Face & Neck Regions (Fehrenbach/Popowics); CH 2 Oral Cavity & Pharynx (Fehrenbach/Popowics); CH 3 Prenatal Development (Fehrenbach/Popowics); CH 4 Face & Neck Development (Fehrenbach/Popowics); CH 5 Orofacial Development (Fehrenbach/Popowics)
Week 2	Lecture: CH 6 Tooth Development & Eruption (Fehrenbach/Popowics); CH 9 Oral Mucosa (Fehrenbach/Popowics); CH 10 Gingival & Dentogingival Junctional Tissue (Fehrenbach/Popowics)
Week 3	Lecture: CH 12 Enamel (Fehrenbach/Popowics); CH 13 Dentin & Pulp (Fehrenbach/Popowics); CH 14 Periodontium (Cementum, Alveolous, PDL) (Fehrenbach/Popowics)
Week 4	Lecture: CH 15 Overview of Dentitions (Fehrenbach/Popowics); CH 1 Anatomic Nomenclature (Fehrenbach/Herring); HN CH 2 Surface Anatomy
Week 5	Lecture: CH 16 Anterior Teeth: Centrals, Laterals, Canines (Fehrenbach/Popowics); Lab: Tooth Identification
Week 6	Lecture: CH 17 pgs 231-247 Posterior Teeth: Premolars (Fehrenbach/Popowics);

Week	Chapter/Topic/Lab
	Lab: Tooth Identification
Week 7	Lecture: CH 17 pgs 247-264 Posterior Teeth: Molars (Fehrenbach/Popowics); Lab: Tooth Identification
Week 8	Lecture: CH 20 Occlusion (Fehrenbach/Popowics); CH 18 Primary Dentition & Occlusion (Fehrenbach/Popowics); Lab: Tooth Identification
Week 9	Lecture: CH 5 Temporomandibular Joint (Fehrenbach/Herring); Lab: Tooth ID Review
Week 10	Tooth ID, Orthodontics Presentation
Week 11	Lecture: CH 3 Skeletal System (Fehrenbach/Herring), Lab: Head and Neck by Numbers (Siggard)
Week 12	Lecture: CH 7 Glandular Tissue (Fehrenbach/Herring), Lab: Head and Neck by Numbers (Siggard)
Week 13	Lecture: CH 8 Nervous System (Fehrenbach/Herring), Lab: Head and Neck by Numbers (Siggard)
Week 14	Lecture: CH 4 Muscular System (Fehrenbach/Herring); CH 6 Vascular System (Fehrenbach/Herring), Lab: Head and Neck by Numbers (Siggard)
Week 15	Lecture: CH 10 Lymphatic System (Fehrenbach/Herring); CH 12 Spread of Infection (Fehrenbach/Herring); Final Exam Review
Week 16	Final Exam