



#### A. GENERAL INFORMATION:

Program:	Dental Hygiene
Course:	<b>Head and Neck Examination</b>
Course Number:	111-213-AB
Day(s) and Time:	Theory: Monday 11:30 – 12:30 Laboratory: Monday 12:30 – 2:30 Tuesday 8:30 – 10:30 or 10:30 – 12:30
Classroom Number:	SE-222/ SE-105 (Lab)
Ponderation:	1-2-2
Credits:	1 2/3
Competency	Terminal competency: 00LA
Pre-requisite:	All first semester Dental Hygiene courses
Semester:	Winter 2016
Teacher:	Christine Fambely
Office number, Telephone & Email:	SE-217, 514-457-6610 (5232) or MIO
Office Hours:	As posted or by appointment

**Note 1:** *This department uses chemicals as part of its normal teaching practices. If any student has experienced allergic reactions in the past to any particular chemical or chemicals, she/he must inform the instructor. In the event that a student experiences an allergic reaction in the lab, she/he should report to Health Services.*

**Note 2:** *Seasonal Flu is highly recommended.*

#### B. INTRODUCTION:

Following the Dental Anatomy course (111-123-AB) the student is able to examine the dentition of the client. This skill will be incorporated with the ability to examine the soft tissues of the intra-oral environment. The student will also learn the skills and knowledge required to perform the extra-oral exam by studying the normal structures and functions of the head and neck.

By the end of this course the student will be able to ***examine the normal structures and functions of the head and neck*** 00LA. The student will also be able to demonstrate this competency using knowledge and skills that are being acquired in other courses that are running concurrently: Health and Safety and Human Anatomy and Physiology II. The objectives and standards included in this course are included in the table below.

00LA *Examine the normal structure and functions of the head and neck.*

A detailed profile of the course outcome is summarized in Section C: Course Objectives.

This course incorporates evidence-based practice: an approach where clinical expertise is blended with the highest quality research while taking into account the client's needs and preferences. The students will use evidence-based practice in all aspects of the course.

The **Comprehensive Assessment (CA)** requires graduating students to demonstrate the integration of acquired competencies within the Dental Hygiene program. In order to graduate, the student is required to successfully complete the fifteen elements of the CA during the fifth and sixth semesters.

**D. EVALUATION PLAN:**

<b>1. Theory:</b>	<b>55%</b>	<b>Ministerial Objectives</b>
Test 1 (Week 5)	10%	2, 3
Test 2 (Week 10)	10%	2, 3
Section 9 & 11 Assignment (Week 12)	5%	2,3
Test 3 (Week 13)	10%	2, 3
<b>Final: Test 4</b> (Week 16)	20%	2, 3
<b>2. Laboratory:</b>	<b>45%</b>	
Perform odontogram on peer (Final Exam week)	5%	1, 3, 5
I.D. bones, landmarks, muscles, anomalies (Week 7)	15%	2, 3
I.D. bones, landmarks, muscles, anomalies (Week 13)	15%	2, 3, 4
Perform and record head and neck examination on peer (Final Exam week)	10%	1, 2, 3, 4, 5
<b>Total</b>	<b>100%</b>	

Final course competency assessment is incorporated within the theory and application sections of course evaluation. **The student will perform a clinical intra-oral and extra-oral examination, in order to demonstrate his/her competency to examine the normal structures and functions of the head and neck.**

The student must attain a passing grade (60%) in EACH of the evaluation sections stated above in order to pass the course, otherwise a maximum grade of 55% will be given

For late assignments, there will be a 5% deduction in the assignment grade for every day the assignment is late. It is the responsibility of the student to keep all assessed material for at least one month passed Grade Review Deadline should they request a Grade Review.

**E. COURSE CONTENT:** (Tentative schedule)

<b>Date</b>	<b>Content to be Covered</b>	<b>Reading Material</b>
Week 1 Jan. 18	Outline, Intra-Extra Oral Examination sheet Lab: Embryology	Chap 18, 20, Wilkins Chap 50 p.775-778, D & W Chap 57 p. 1022-1027
Week 2 Jan. 25	Bones: Mandible, Maxillae, Sphenoid Lab: Examine human skull for landmarks	Chap 26
Week 3 Feb 1	Sinus and Muscles of Mastication Lab: Examine human skull and models for sinuses and muscles	Chap 27 & 28
Week 4 Feb8	Tongue / Salivary Glands Lab: Examine individual tongue, salivary/taste test	Chap 24, 25, 33
Week 5 Feb. 15	<b>Test 1</b> (Weeks/Sections 1 – 4) Lab: Periodontium	Chap 8 Wilkins Chap 16
Week 6 Feb 22	TMJ Lab: Examine human skull and models of TMJ, videos of anomalies	Chap 29
Week 7 Mar 7	Lymph Nodes <b>Lab Exam 1</b> MAR 7 & 8 (Weeks/Sections 1- 5)	Chap 35
Week 8 Mar 14	Muscles of Facial Expression Lab: Examine variety of facial expressions	Chap 30
Week 9 Mar. 21	Blood Supply Lab: Examine Blood Supply <b>&amp; Sortie</b>	Chap 32
Week 10 <b>MAR 29</b>	<b>Test 2</b> (Weeks/Sections 5 – 8) Lab: Nerves: Cranial nerves V, VI, IX & X --	<b>(No classes Monday ...TUES for ALL labs)</b>
Week 11 Apr 4	Nerves continued Lab ONLY: Blood Supply and Cardiovascular System	Chap 34, Wilkins Chap 37 p. 569-570, D & W Chap 40 p. 729-733
Week 12 Apr. 11	Dental Anomalies Assignment Due Lab: REVIEW: Blood and Nerves – Intra-Extra Oral exam sheet, Gingival Description AND Odontogram	
Week 13 Apr. 18	<b>Test 3</b> (Weeks/Sections 9 – 11) Lab: <b>Lab Exam 2</b> APR 18 - 19 (Weeks/Sections 6 – 11)	Chap 7 & 20
Week 14 Apr. 25	Dental Anomalies Lab: Dental Anomalies	Chap 7 & 20 Wilkins p. 144-151, D & W Chap 15
Week 15 May 2	*Review Lab: Review for Lab Final	Chap 7 & 20 Wilkins p. 144-151, D & W Chap 15
(16) May 9	<b>Test 4 - Final (Theory)</b> (Sections 12 – accumulative)	

\*Review for Head and Neck Examination along with Hard Tissue Charting on peer – Practical/Laboratory: **to be completed in clinic – Date to be announced during Exam Week.**

NOTE: There will be no rescheduling of the 'Final Exam' for any individual. Therefore should any travel arrangements need to be booked do so only after the Final Exam Schedule is posted by the Registrar's office.

**F. REQUIRED TEXT and COURSE COST in ADDITION to TEXTS:**

Brand, R., Isselhard, D. (2014). *Anatomy of Orofacial Structures*, (Enhanced 7<sup>th</sup> Ed). St. Louis, MO: Saunders. (purchased in first semester)

Darby, M.L, Walsh, M.M. (2015). *Dental Hygiene Theory and Practice*. (4<sup>th</sup> Ed). Philadelphia, PA: Saunders Co. (purchased in first semester)

*Mosby's* (2009). *Dictionary of Medicine, Nursing & Health Professions*, (8<sup>th</sup> Ed). Philadelphia, PA: Saunders Co. (purchased in first semester)

Wilkins, E.M., (2013). *Clinical Practice of the Dental Hygienist*, (11<sup>th</sup> Ed). Philadelphia, PA: Wolters Kluwer: Lippincott, Williams and Wilkins. (purchased in first semester)

**Cost:**

Course pack: Approximately **\$20.00 plus tax**

Course cost: Approximately **\$20.00 plus tax** – All to be paid at Bookstore