



# CURRICULUM GUIDELINES

**A:** Division: **INSTRUCTIONAL** Date: **SEPTEMBER 5, 2000**  
**B:** Department/ **HEALTH SCIENCES** New Course  **N** Revision  **Y**  
 Program Area:  
 If Revision, Section(s) Revised: **P**  
 Date Last Revised: **1997 05 30**

**C: CHDA 109 D: APPLIED ANATOMY FOR DENTAL ASSISTANTS E: 3.0**

Subject & Course No.	Descriptive Title	Semester Credits
<b>F:</b> Calendar Description:  This course will provide the student with the basic knowledge of the structures of the face and oral cavity. Integration of this knowledge is required by Level II dental assistants in clinical practice.		
<b>G:</b> Allocation of Contact Hours to Types of Instruction/Learning Settings  Primary Methods of Instructional Delivery and/or Learning Settings:  <b>Lecture</b>  Number of Contact Hours: (per week / semester for each descriptor)  <b>60 per semester</b>  Weeks per Semester: <span style="float: right;">Number of</span>  <b>15</b>	<b>H:</b> Course Prerequisites:  <b>NIL</b>	
	<b>I:</b> Course Corequisites:  <b>NIL</b>	
	<b>J:</b> Course for which this Course is a Prerequisite:  <b>CHDA 212 + CHDA 214 + CHDA 216+ CHDA 217</b>	
	<b>K:</b> Maximum Class Size:  <b>30</b>	
<b>L:</b> PLEASE INDICATE: <input type="checkbox"/> Non-Credit <input checked="" type="checkbox"/> College Credit Non-Transfer <input type="checkbox"/> College Credit Transfer: Requested <input type="checkbox"/> Granted <input type="checkbox"/>  SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS ( <a href="http://www.bccat.bc.ca">www.bccat.bc.ca</a> )		

**M:** Course Objectives/Learning Outcomes

Objectives are based on the Provincial Competencies for Certified Dental Assistants, developed for the Ministry of Advanced Education and Job Training, 1989.

The student will be able to

1. use standard anatomical reference systems/terms and dental reference systems/terms.
2. identify and describe cranial bones, facial bones and sinuses.
3. identify and describe the temporomandibular joint (T.M.J.).
4. describe techniques of regional anesthesia used in dentistry.
5. describe and identify soft tissue landmarks of the oral cavity.
6. describe the muscles of the head and neck.
7. describe and identify the dentition.

N: Course Content

**1. Reference Systems**

Directions and body planes  
Dental terms

**2. Cranial bones, facial bones and sinuses**

Cranial bones  
Facial bones  
Sinus  
Terminology of bony landmarks

**3. Temporomandibular Joint**

Location  
Structure  
Function

**4. Anesthetic Techniques**

Maxillary injection techniques  
Mandibular injection techniques

**5. Soft Tissue Landmarks**

Intra-oral landmarks  
Normal gingival tissue  
Structures of face and oral cavity  
Tongue  
Salivary Glands

**6. Muscles**

Muscles of mastication  
Muscles of facial expression  
Muscles of the tongue

**7. Dentition**

Tooth tissues  
Tooth morphology  
Eruption patterns  
Occlusion

**O:** Methods of Instruction

1. Lecture
2. Group discussion
3. Audio-visual materials
4. Computer-assisted instruction

**P:** Textbooks and Materials to be Purchased by Students

\* Torres, H.O., and Ehrlich, A., Bird, D. & Dietz, E., Modern Dental Assisting, (latest edition). Philadelphia: W.B. Saunders Co.

\* Wilkins, E.M., Clinical Practice of the Dental Hygienist, (latest edition). Philadelphia: Lea and Febiger.

Brand, R.W., and Isselhard, D.E., Anatomy of Orofacial Structures, (latest edition). Philadelphia: Mosby

**Supplemental Text:**

Dunn, M.J., and Schulze, M.B., The Anatomical Basis of Dental Hygiene, Toronto: B.C. Decker Inc., 1989.

\* **Same texts used in all courses of the Dental Assisting Program**

**Q:** Means of Assessment

Course evaluation is based on course objectives, and is consistent with Douglas College Evaluation Policies. An evaluation schedule is presented to the student at the beginning of the course.

A minimum mark of 65% is required to be successful in the course.

Outlines of evaluation may be subject to change.

**R:** Prior Learning Assessment and Recognition: specify whether course is open for PLAR

---

Course Designer(s)

---

Education Council/Curriculum Committee Representative

---

Dean/Director

---

Registrar

