



**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

