

## DENTAL ASSISTING (LEVELS I AND II)

---

### Program Outline

<b>Major:</b>	DNAS
<b>Length:</b>	1 Year
<b>Delivery:</b>	3 Semesters
<b>Credential:</b>	Ontario College Certificate
<b>Effective:</b>	2017-2018
<b>Location:</b>	Barrie
<b>Start:</b>	Fall (Barrie), Winter (Barrie)

---

### Description

The Dental Assisting program will prepare a student to assume a position as a dental assistant, capable of working interdependently and collaboratively with health professionals in a variety of practice settings. Corresponding with the level of study and in accordance with current legislation, the graduate of this program will perform a variety of roles including clinical, education, health promotion, business administration and laboratory assistant consistent with national standards.

The graduate of this program will be eligible to write the National Dental Assistants Board Exam (NDAEB). The graduate is eligible for certification by the Ontario Dental Assistants Association (ODAA). To be certified by the Canadian Dental Assistants Association (CDAA) the graduate must have successfully completed the NDAEB. This allows the graduate to practice as a Level II Dental Assistant.

### Career Opportunities

The graduate of this program is qualified to assume a position as a dental assistant in a dental practice, a dental hygiene practice, a community oral health clinic or a public health unit.

### Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

- interact with others in groups and teams;
- use critical thinking skills to evaluate and solve problems;
- communicate confidently in a variety of situations;
- adapt to change, recognize the need to maintain and renew knowledge and skills, and effectively meet societal challenges arising in community, family and working life situations;
- maintain client and personal safety in the practice environment;
- contribute to the development of a comprehensive client profile by using a variety of data collection methods, in collaboration with the client and other health professionals, and in compliance with privacy legislation;
- contribute to the development of a comprehensive plan for oral health services and programs in collaboration with the client and other health professionals;
- provide oral health services and programs as identified in the comprehensive plan and as permitted within the scope of practice;
- contribute to the evaluation and reporting of appropriate aspects of the oral health services and programs by using a variety of sources including the client profile;
- act in a professional and competent manner;
- maintain client records and manage office procedures in compliance with relevant legislation and regulations;
- recognize and stress the importance of utilizing environmentally friendly products and supplies within the work environment.

### **External Recognition:**

The Dental Assisting Program is accredited by the Commission on Dental Accreditation of Canada.

### **The Program Progression:**

Fall Intake - Barrie

Sem 1	Sem 2	Sem 3
Fall 2017	Winter 2018	Summer 2018

Winter Intake - Barrie

Sem 1	Sem 2	Sem 3
Winter 2018	Summer 2018	Fall 2018

**Admission Requirements:**

OSSD or equivalent with

- Grade 12 English (C or U)
- Grade 11 Chemistry (U) or Grade 12 Chemistry (C or U)
- Grade 11 or 12 Biology (C or U)

Mature students, non-secondary school applicants (19 years or older), and home school applicants may also be considered for admission. Eligibility may be met by applicants who have taken equivalent courses, upgrading, completed their GED, and equivalency testing. For complete details refer to: [www.georgiancollege.ca/admissions/policies-procedures/](http://www.georgiancollege.ca/admissions/policies-procedures/)

Applicants who have taken courses from a recognized and accredited post-secondary institution and/or have relevant life/learning experience may also be considered for admission; refer to the Credit Transfer Centre website for details: [www.georgiancollege.ca/admissions/credit-transfer/](http://www.georgiancollege.ca/admissions/credit-transfer/)

**Criminal Reference/Vulnerable Sector Check:**

Placement agencies require an up-to-date clear criminal reference check and vulnerable sector check prior to going out on placement. Students should obtain their criminal reference three months prior to placement; checks conducted earlier may not be considered current. As some jurisdictions require longer lead-time for processing, please check with the program coordinator to ensure you allow for sufficient turn-around time. It is the students responsibility to provide the completed document prior to placement start.

NOTE: Individuals who have been charged or convicted criminally and not pardoned will be prohibited from proceeding to a clinical or placement.

**Additional Information:**

Applicants are advised that for the program's clinical requirements and future employment situations, they must have good vision (with or without corrective lenses), be able to sit and stand for prolonged periods and mix various materials using repetitive wrist motions.

In addition to these requirements, applicants must also provide proof of a current First Aid and C.P.R. Level 'HCP' certification, prior to the commencement of preclinical courses in Semester 1. Annual CPR re-certification is mandatory.

**Graduation Requirements:**

**12 Mandatory Courses**

- 1 Communications Course
- 1 General Education Course
- 1 Field Placement

**Graduation Eligibility:**

To graduate from this program, the passing weighted average for promotion through each semester, and to graduate is 60%. Additionally, a student must attain a minimum of 50% or a letter grade of P (Pass) or S (Satisfactory) in each course in each semester unless otherwise stated on the course outline.

**Mandatory Courses**

- BIOL1014 The Essential Body
- DENT1026 Clinical Support Procedures
- DENT1027 Orofacial Anatomy
- DENT1028 Dental Office Management
- DENT1029 Dental Health Education
- DENT1030 Applied Sciences in Dental Assisting
- DENT1033 Clinical Assisting - Restorative and Specialties
- DENT1034 Clinical Consolidation
- DENT1036 Community Oral Health
- DENT1041 Clinical Assisting - Operative Theory and Lab - Restorative
- DENT1042 Dental Radiography
- DENT1043 Intraoral Preventive Procedures and Practicum

**Communications Course**

To be selected at time of registration from the College list, as determined by testing.

**General Education Course**

To be selected from College list

**Field Placement**

- DENT1035 Field Placement - Dental Assistant

**Course Descriptions:****BIOL1014 The Essential Body 42.0 Hours**

This course will provide the student with a foundational overview of human anatomy from a systems perspective including but not limited to the gastrointestinal, cardiovascular, respiratory, renal, integumentary, immune, endocrine and reproductive systems. Focus will be on the inter relationships of these systems as it relates to normal human function.

**DENT1026 Clinical Support Procedures 42.0 Hours**

The student will study general microbiology with emphasis placed on microbes found in the oral cavity. General principles will be applied to oral microbiology, the initiation and development of dental diseases, and communicable disease trends. The role of infection control to prevent cross-contamination in the dental environment will be examined as well as strategies to ensure asepsis is maintained. In addition, the student will learn the principles necessary to operate the Georgian College Dental Clinic reception area.

**DENT1027 Orofacial Anatomy 42.0 Hours**

The student will learn detailed anatomy of the head, neck and teeth. The relationships between the structures in and around the oral cavity as well as nerve and blood supply to the teeth are also examined.

**DENT1028 Dental Office Management 42.0 Hours**

In this course you will study the principles and practices necessary to operate a dental practice. You will learn how to complete third party insurance predeterminations and claim forms, establish and use an expense and disbursement account system and expand and review the computerized dental office management system. Students will also study how to effectively communicate with clients and other team members and develop excellent customer service skills.

P- DENT1026 Clinical Support Procedures and P- DENT1033 Clinical Assisting - Restorative and Specialties

**DENT1029 Dental Health Education 42.0 Hours**

This course provides opportunities for students to develop techniques and skills required to help individuals prevent disease and injury to the oral tissues. The course of study will include oral physiotherapy for plaque control, motivation, dietary counseling related to dentistry and needs identification of the individual. Emphasis will be placed on communication skills and methods of planning, implementing and evaluating home care.

P- DENT1026 Clinical Support Procedures

**DENT1030 Applied Sciences in Dental Assisting 42.0 Hours**

In this course the student learns three applied sciences related to the practice of dental assisting. In oral histology, the student studies the normal development of the oral cavity and facial complex. In oral pathology, the student examines developmental

disturbances, including their clinical and radiographic appearances; and pathology that can affect these structures throughout the life cycle. In pharmacology, the student learns basic pharmacology in order to evaluate drugs a client may be taking and those that are used in the dental environment.

P- BIOL1014 The Essential Body and P- DENT1027 Orofacial Anatomy and P- DENT1042 Dental Radiography

#### DENT1033 Clinical Assisting - Restorative and Specialties 42.0 Hours

In this course the student will examine the role of the dental assistant in advanced restorative procedures. The emphasis is placed on the dental specialties as they are implemented in general dental practice and the related expanded functions of the dental assistant. These unique dental assistant duties in the specialty areas are demonstrated and practiced recognizing the importance of utilizing environmentally friendly products and supplies within the dental environment.

P- DENT1041 Clinical Assisting - Operative Theory and Lab - Restorative and C- DENT1030 Applied Sciences in Dental Assisting

#### DENT1034 Clinical Consolidation 96.0 Hours

This course encompasses professional aspects of dental assisting and the consolidation of clinical practice. The theory provides an opportunity to consider dental health team dynamics and develop an appreciation for regulation within the dental profession. The clinical portion allows students to consolidate their restorative and intraoral clinical experiences by providing preventive and therapeutic services in the Oral Health Clinic. Materials lab focuses on prosthodontics and discussion centers on the environmental impact of the products used.

C- DENT1028 Dental Office Management and P- DENT1043 Intraoral Preventive Procedures and Practicum or (P- DENT1031 Clinical Assisting - Intraoral and Practicum and P- DENT1033 Clinical Assisting - Restorative and Specialties) and P- DENT1041 Clinical Assisting - Operative Theory and Lab - Restorative

#### DENT1035 Field Placement - Dental Assistant 150.0 Hours

This component provides the student with hands-on experience in a dental office environment. The student is involved as a team member, completing duties of a dental assistant.

P- DENT1026 Clinical Support Procedures and P- DENT1027 Orofacial Anatomy and P- DENT1033 Clinical Assisting - Restorative and Specialties and P- DENT1041 Clinical Assisting - Operative Theory and Lab - Restorative and P- DENT1042 Dental Radiography and P- DENT1043 Intraoral Preventive Procedures and Practicum or (P- DENT1031 Clinical Assisting - Intraoral and Practicum and P- DENT1033 Clinical Assisting - Restorative and Specialties) and C- DENT1028 Dental Office Management and C- DENT1034 Clinical Consolidation

#### DENT1036 Community Oral Health 42.0 Hours

In this course the student will discuss the role of the dental assistant in health promotion and health related education activities for individuals and groups; the assessment of factors which affect oral health of populations and the conditions which are conducive to good health for all. Teaching and learning principles will be reviewed and lesson/program planning will be introduced.

P- DENT1029 Dental Health Education

DENT1041 Clinical Assisting - Operative Theory and Lab - Restorative 84.0 Hours

The student will learn the theory and demonstrate basic dental assisting skills related to operative dentistry. Theory includes the study of chairside assisting during operative procedures and biomechanics of dental materials. The lab provides an opportunity to apply the theory and safely demonstrate all aspects of basic dental assisting skills in preparation for client care clinics. The environmental impact of dental supplies and products is explored. Additional Information: Students must have current CPR-HCP and First Aid certificates and a completed immunization record on file with the College to be scheduled in partner care clinics.

C- DENT1026 Clinical Support Procedures and C- DENT1027 Orofacial Anatomy

DENT1042 Dental Radiography 42.0 Hours

This course prepares the students to take and process intraoral and extraoral dental images. The basic physics and principles of radiography; safety precautions and the operation of the dental x-ray unit are examined. Students will expose, process using environmental awareness and mount dental images using bisecting angle and paralleling techniques on manikins. Additional instruction will be provided on recognizing and solving problem situations; and client education and management. NOTE: The ability to take dental radiographs is established by the Healing Arts Radiation Protection Act. Only Dental Assistants certified by the Ontario Dental Assistant Association and/or holding the NDAEB certificate may take dental radiographs prescribed by a dentist outside of an academic program.

C- DENT1027 Orofacial Anatomy

DENT1043 Intraoral Preventive Procedures and Practicum 168.0 Hours

In this course the dental assistant student will apply theoretical principles and practice procedural processes in both a clinical and preclinical setting. In the preventive procedures portion of this course the theory and related intraoral skills are learned and assessed. The dental materials lab provides construction of lab appliances and practice with the advanced restorative skills. Practicum has the student assisting with the provision of restorative services on community clients in the Oral Health Clinic. Additional Information: Students must have current CPR-HCP and First Aid certificates and a completed immunization record on file with the College to be scheduled in clinics.

P- DENT1026 Clinical Support Procedures and P- DENT1041 Clinical Assisting - Operative Theory and Lab - Restorative and P- DENT1042 Dental Radiography and C- DENT1029 Dental Health Education and C- DENT1030 Applied Sciences in Dental Assisting and C- DENT1033 Clinical Assisting - Restorative and Specialties

**Course Description Legend**

P = Prerequisite; C = Concurrent prerequisite; CO= Corequisite

*Information contained in College documents respecting programs is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs. The college reserves the right to add or delete programs, options, courses, timetables or campus locations subject to sufficient enrolment, and the availability of courses.*