

DENTAL ASSISTING (LEVELS I AND II)

Program Outline

Major:	DNAS
Length:	1 Year
Delivery:	3 Semesters
Credential:	Ontario College Certificate
Effective:	2013-2014
Location:	Barrie
Start:	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		Winter		Summer
2013		2014		2014

Winter Intake - Barrie

Sem 1		Sem 2		Sem 3

Winter		Summer		Fall
2014		2014		2014

Articulation:

A number of articulation agreements have been negotiated with universities and other institutions across Canada, North America and internationally. These agreements are assessed, revised and updated on a regular basis. Please contact the program co-ordinator for specific details if you are interested in pursuing such an option. Additional information can be found on our website at <http://www.georgianc.on.ca/academics/articulations/>

Admission Requirements:

You must meet ONE of the following requirements to be eligible for admission to these programs:

Secondary school applicants:

- OSS curriculum: OSSD or equivalent with Grade 12 English (C) or (U) (ENG4C, ENG4U); plus Grade 12 Chemistry College or Grade 11 or 12 University Chemistry (SCH4C, SCH4U, SCH3U); plus any Grade 11 or 12 College or University Biology (SB13C, SB13U or SB14U). Computer skills and knowledge of basic math calculations are highly recommended.

Non-Secondary school applicants (19 years or older):

- Any credit Communication course and most credit biology and chemistry courses taken at Georgian College
- College preparatory programs including those taken at Georgian College: Pre-health Sciences*
- Equivalent courses in English, biology and chemistry taken through secondary school or Independent Learning Centres (at the general, advanced, college or university level)
- Academic and Career Entrance Certificate (ACE) program with communications and biology and chemistry
- Mature student testing in English and testing/challenge exam in biology and chemistry that meets the minimum standards for admission (available through most testing services)*
- Ontario High School Equivalency Certificate (GED) plus biology and chemistry
- English, Literature or Communication credit courses and most biology and chemistry credit courses from accredited colleges/universities
- If home schooled, applicants can write the mature student testing in English and testing/challenge exam in biology and chemistry that meets the minimum standards for admission (available through testing services)*

* available from Georgian College. For a complete listing please contact the Office of the Registrar.

Non-secondary school applicants who are 19 years of age or over by the first day of classes, and who lack the academic entrance qualifications, may be considered for entrance to an appropriate post-secondary diploma or certificate program as mature applicants. Mature applicants must meet all program specific prerequisites including all

selection criteria; equivalencies are stated above. Applicants who are unsure whether they meet admission requirements should contact the Office of the Registrar. In addition, those applying as mature students and having no documentation of Grade 12 education must supply, if required, proof of age, such as a copy of an official birth certificate or driver's licence. Refer to Section 2.5 and 2.6 of the Academic Calendar for further details.

Credit transfer and course exemptions:

Applicants who have taken courses from a recognized and accredited post-secondary institution and/or have relevant life/learning experience may be eligible for credit transfer/course exemptions. Courses/experience must match at least 80% of the learning outcomes of a Georgian College course with a minimum grade of 60% or C achieved in previous coursework; some program exceptions apply (see program outline). For further information please visit the Credit Transfer Centre website: georgiancollege.ca/admissions/credit-transfer/

Selection Process:

Applicants are ranked based on their academic background.

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 or (P- DENT1024 Dental Assisting Lab - Restorative and P- DENT1025 Clinical Assisting Theory - Restorative) and (P- DENT1042 Dental Radiography or P- DENT1032 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 or (P- DENT1024 Dental Assisting Lab - Restorative and P- DENT1025 Clinical Assisting Theory - 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 or (P- DENT1024 Dental Assisting Lab - Restorative and P- DENT1025 Clinical Assisting Theory - 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 or (P- DENT1024 Dental Assisting Lab - Restorative and P- DENT1025 Clinical Assisting Theory - Restorative) and (P- DENT1042 Dental Radiography or P- DENT1032 Dental Radiography) and P- DENT1043 Intraoral Preventive Procedures and Practicum or (P- DENT1031 Clinical Assisting - Intraoral and Practicum or 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.