

DENTURISM

Program Outline

Major:	DNTM
Length:	3 Years
Delivery:	6 Semesters
Credential:	Ontario College Advanced Diploma
Effective:	2015-2016
Location:	Barrie
Start:	Winter (Barrie)

Description

The Denturism program will prepare the graduate for a career as a Denturist. Students will develop knowledge, skills and attitudes consistent with their scope of practice in particular assisting clients in attaining and maintaining oral health through the provision of complete, partial and immediate dentures, and dentures over implants. Students are trained specifically in clinical and laboratory aspects related to their field. Students will use a problem-solving framework; basing all decisions, judgments and interventions on current research and theory. The program will prepare the graduate for the legal and ethical responsibilities of a Denturist and with a basic understanding of business practices related to self-employment.

Career Opportunities

Denturists work independently, interdependently and collaboratively with health professionals and clients. Denturists are able to establish their own clinical practice or associate with other denturists or health care providers.

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

- integrate pertinent theoretical knowledge of anatomy, physiology, morphology and pathology into the provision of denturist practice;

- integrate principles of physics, chemistry, general science and properties of materials associated with the fabrication of dental prosthetic devices and appliances;
- operate and maintain dental laboratory equipment in accordance with standard safety and maintenance procedures, WHMIS and infection control protocol;
- design, fabricate, modify and repair removable prosthetic devices and appliances according to prescription or comprehensive patient assessment (in collaboration with other members of the dental profession);
- work in a manner that is consistent with current regulations, professional standards, codes of conduct and ethical principles;
- produce clear and accurate written and oral communications for the public and other professionals regarding denturist issues and services;
- work collaboratively with patients and other health care providers to facilitate optimal oral health;
- make decisions regarding denturist services that reflect critical thinking, time management problem solving and self-reflection;
- manage client and practice information according to relevant legislation, codes of ethics, practice standards, and business;
- evaluate well managed business practices within health care settings and the community;
- identify the implications of denturism on the natural environment and to employ environmentally sustainable practices to reduce the impact on the environment.

External Recognition:

The graduate of this program must successfully complete the clinical examination set by the College of Denturists of Ontario to be eligible for registration and practice in the province of Ontario. Registration with the College of Denturists of Ontario is a legal requirement to practice and is subject to the regulations and restrictions established by this governing body.

The Program Progression:

Winter Intake - Barrie

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6

Winter 2016	Summer 2016	Fall 2016	Summer 2017	Fall 2017	Winter 2018

Admission Requirements:

OSSD or equivalent with:

- Grade 12 English (C or U)
- Grade 12 Math (C or U)
- Grade 12 Chemistry (C or U) or Grade 11 (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/

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/

Selection Process:

Applicants will be assessed based on previous academic achievements in the prerequisite courses and an average of other courses within their final year of study prior to applying to the program.

Additional Information:

Certain clinical placements may require students to have updated flu shots, TB testing and Hepatitis B vaccination as well as a Police Record Check (including Vulnerable Sector Screening and a check of the Pardoned Sex Offender Data Base). It is the student's responsibility to ensure he or she is eligible to participate in clinical placements. The College assumes no responsibility for these matters and students should be aware that tuition will not be refunded in the event that access to a placement is denied.

In addition to these requirements, applicants must also provide proof of a current First Aid and C.P.R. "HCP" certification, prior to the commencement of preclinical courses.

Registration with the College of Denturists of Ontario (CDO) is mandatory to practice as a denturist in Ontario. Note: A history of criminal offences or charges of professional misconduct in another jurisdiction or another profession may interfere with your ability to become registered in Ontario. Should either situation apply, you are recommended to seek clarification with the CDO before applying to the denturism program at Georgian College.

Applicants are advised that the clinical requirements of the program and future employment require good vision (with or without corrective lenses) and visual perception; ability to sit for prolonged periods of time and manipulate small instruments with repetitive motion. Applicants with back/neck/wrist or visual problems should discuss individual concerns with the Program Co-ordinator.

Graduation Requirements:

25 Mandatory Courses

4 Clinical Practice

2 Communications Courses

5 General Education Courses

Graduation Eligibility:

To graduate from this program, the passing weighted average for promotion through each semester, from year to year, 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

BIOL1001 Anatomy and Physiology - Introductory Concepts
BIOL1002 Anatomy and Physiology: Advanced Concepts
BIOL1013 Head and Neck Anatomy
BIOL2007 Pathophysiology and Pharmacology - Introduction
BIOL3000 Pathophysiology and Pharmacology - Advanced
COMP1064 Computer Skills and Applications
DENT1013 General and Oral Microbiology
DENT1019 Oral Histology and Embryology
DENT1037 Dental Materials
DENT1038 Complete Dentures Lab - Introduction
DENT1039 Dental Anatomy
DENT1040 Removable Partial Denture Lab
DENT2000 Oral Pathology
DENT2009 Dental Radiography
DENT2010 Complete Dentures - Intermediate Lab Skills
DENT2011 Introduction to Clinical Prosthodontics
DENT2012 Partial Denture Design
DENT2013 Preventive Dentistry
DENT2015 Prosthodontic Theory
DENT2016 Periodontology
DENT3001 Nutrition
DENT3002 Community Dentistry
ETHC3001 Ethics and Professionalism
GERT1000 Gerontology

MGMT3007 Denturism Practice Management

Clinical Practice

DENT2014 Clinical Practice

DENT3000 Clinical Practice - Intermediate

DENT3003 Clinical Practice - Implants

DENT3004 Clinical Practice - Advanced

Communications Courses

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

General Education Courses

To be selected from College list

Course Descriptions:

BIOL1001 Anatomy and Physiology - Introductory Concepts 42.0 Hours

This course is the study of normal anatomy and physiology beginning with an orientation to the body and continuing through the cell, and four of the major systems: the integumentary system, the musculoskeletal system, the nervous system and the endocrine system. An introduction to microbiology is included. Three unifying themes, the interrelationships of body organ systems, homeostasis, and the complementarities of structure and function, will provide the basis of understanding the workings of the human body.

BIOL1002 Anatomy and Physiology: Advanced Concepts 42.0 Hours

This course is the study of normal anatomy and physiology of the human body. It is a study of the following major body systems: circulatory system, lymphatic system, respiratory system, urinary system and reproductive system. Three unifying themes, the interrelationships of body organ systems, homeostasis, and the complementarities of structure and function, will provide the basis of understanding the workings of the human body.

P- BIOL1001 Anatomy and Physiology - Introductory Concepts

BIOL1013 Head and Neck Anatomy 42.0 Hours

Students discuss the oral anatomic landmarks and establishes an understanding of the relationship between structure and function. The student will learn about the structures in and around the mouth, including the skull, muscles of mastication, blood vessels, nerves, salivary glands and oral soft tissues.

BIOL2007 Pathophysiology and Pharmacology - Introduction 42.0 Hours

This course examines the use of pharmaceuticals to treat general health problems. The study of drugs used in dental treatment will include consideration for their origin, physical and chemical properties, modes of administration and effects upon the body systems. Pain management and management of various medical conditions will also be examined.

BIOL3000 Pathophysiology and Pharmacology - Advanced 42.0 Hours

This course examines the use of pharmaceuticals to treat oral health problems. The study of drugs used in dental treatment will include consideration for their origin, physical and chemical properties, modes of administration and effects upon the body systems. In addition, the impact of client medication (prescribed or over-the-counter) on oral structures treatment will be discussed.

COMP1064 Computer Skills and Applications 42.0 Hours

Students will learn how to use computer applications that will support their academic success and also professional practice. Students will have an introduction to specific software used in Denturist Practice and appliance fabrication.

DENT1013 General and Oral Microbiology 42.0 Hours

The student will study groupings of micro-organisms starting with the general characteristics of morphology and growth. The role these micro-organisms play in the initiation and progression of human diseases will be considered as well as modes of disease transmission, and the necessity for infection control procedures within dental settings. The student will be introduced to the microbiology of the oral cavity and its relationship to common dental/oral diseases.

DENT1019 Oral Histology and Embryology 42.0 Hours

In this course the student studies normal development of the oral cavity and facial complex and the influence of diseases on normal development. A histological background is provided for the development of bone, cartilage, teeth, oral mucosa, tongue, temporomandibular joint, the periodontium, and salivary glands. This knowledge provides the foundation for further study of developmental disturbances and histological changes in oral diseases.

P- DENT1014 Dental and Orofacial Anatomy and C- DENT1016 Dental Hygiene Process of Care

DENT1037 Dental Materials 84.0 Hours

This course will introduce students to materials used in the fabrication of various dental appliances. Students will learn about the chemical principles and properties of the materials and develop mixing and processing skills through practical application. Attention will be directed to the safe use and disposal of materials based on professional standards, WHMIS and other health and safety protocols.

DENT1038 Complete Dentures Lab - Introduction 84.0 Hours

Students will be introduced to basic procedures needed to restore appearance and function of the edentulous client through the provision of complete dentures. Students will learn the fundamental techniques of complete denture fabrication to the wax try in stage.

DENT1039 Dental Anatomy 42.0 Hours

The student will learn detailed anatomy of the teeth and their relationships between the structures in and around the mouth, including with particular emphasis on occlusion.

DENT1040 Removable Partial Denture Lab 42.0 Hours

In this course, the student will learn basic procedures to restore the appearance and function of the partially edentulous client with interim removable partial dentures. Students will be taught to survey cast surfaces, form clasp arms and arrange artificial teeth. They will be able to demonstrate the different requirements for each classification of partials and the fundamentals to develop a removable prosthetic for each type. Students will practice these techniques through completion of casework.

DENT2000 Oral Pathology 42.0 Hours

Principles of general pathology in relation to the diseases of the teeth, soft tissues, and supporting structures of the oral cavity are discussed including inflammation, regeneration and repair, immune system disorders, heredity and neoplasia. The emphasis in oral pathology is on the etiology, clinical characteristics, and treatment of oral diseases and lesions. The role of the dental hygienist in identification, treatment, and referral will be considered.

P- DENT1013 General and Oral Microbiology and P- DENT1019 Oral Histology and Embryology and P- DENT1022 Periodontics for the Dental Hygienist and (P- DENT2019 Introduction to Clinical Dental Hygiene or P- DENT2017 Introduction to Dental Hygiene Clinical Practice) and C- DENT2018 Dental Hygiene Clinical - Intermediate

DENT2009 Dental Radiography 56.0 Hours

This course prepares the student to take and process acceptable dental radiographs. The student learns the basic principles of radiation production and safe operation of the dental x-ray unit. Additional instruction will be provided in recognizing and solving problem situations, client management and identification of normal anatomic landmarks and developmental disturbances. Students will expose dental radiographs using bisecting angle and paralleling techniques.

DENT2010 Complete Dentures - Intermediate Lab Skills 84.0 Hours

Students will apply previously learned skills to laboratory procedures associated with complete denture fabrication. Arranging tooth forms to achieve balanced occlusion will be practiced as well as basic denture repairs, processing and finishing acrylic dentures and fabrication of registration devices.

DENT2011 Introduction to Clinical Prosthodontics 126.0 Hours

In this course the student will learn the etiology and progression of dental diseases of the hard & soft tissues. Clinical assessment procedures will be introduced and the role of the dentist in oral health care will be discussed. This course will introduce students to the theory related to the application of clinical procedures. Students will recognize the importance of professionalism, client communication and clinic/lab asepsis protocols. The process for fabrication of appliances will be considered beginning with the oral assessment and preliminary impressions and final impressions.

DENT2012 Partial Denture Design 42.0 Hours

Students will be able to understand and demonstrate all four types of partial denture classifications and design concepts. An understanding of basic concepts in the chemistry, physics, and engineering as it relates to the conditions of the oral cavity will be demonstrated. Students will review and perform partial denture designs and cases in real clinical situations.

DENT2013 Preventive Dentistry 42.0 Hours

This course will introduce theory to familiarize the student with prevention of oral diseases, halitosis and trauma by promoting behavioural change in individuals. Emphasis is placed on self care methods for oral plaque control including oral/dental aids, toothpastes and mouthrinses, diet and client motivation. The use of topical fluoride as an anticaries agent and adoption of oral safety measures will be examined. Students will use this knowledge to create instructional materials.

DENT2014 Clinical Practice 126.0 Hours

Students will be able to demonstrate skills learned in the treatment planning, fabrication and delivery of complete dentures for community clients. Students will complete upper and lower denture cases, relines and repairs. Students will also assess and determine oral hygiene needs of clients as it relates to their health histories and provide a home care plan for clients.

DENT2015 Prosthodontic Theory 42.0 Hours

Students will be to demonstrate an understanding of all treatments for replacing missing teeth. This would include fixed and removable prosthetics, dental implants, the use of composite resins and veneers for restoring teeth and a basic grasp of the use of these systems and how it would relate with treatment planning for clients.

DENT2016 Periodontology 42.0 Hours

In this course the student will study the histology, physiology, and pathology of those tissues that surround and support the teeth. The student will learn about the disease process affecting the periodontal tissues and the importance of a sound periodontium to the success of oral prosthetics.

DENT3000 Clinical Practice - Intermediate 168.0 Hours

Students will continue to demonstrate skills learned in the treatment planning, fabrication and delivery of complete dentures for community clients. Students will complete upper and lower denture cases, relines and repairs. Students will also assess and determine oral hygiene needs of clients as it relates to their health histories and provide a home care plan for clients.

DENT3001 Nutrition 42.0 Hours

This course provides the student with a general knowledge of nutritional concepts as they relate to Canada's Food Guide. The student will apply this knowledge when assessing client needs as it relates to oral health. Nutritional problems related to missing teeth and removable prosthetics will also be discussed.

DENT3002 Community Dentistry 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.

DENT3003 Clinical Practice - Implants 84.0 Hours

Students will learn the principles of dental implants in relation to treatment planning for single tooth or complete edentulous cases. Students will be introduced to implant history and concepts and review different types of attachments and connectors to fixed and removable prosthetics. Students will be able to understand diagnostic techniques used to determine implant suitability and placement. By the end of the course the students will be able to insert implant attachments into a removable denture case.

DENT3004 Clinical Practice - Advanced 168.0 Hours

Students will be able to demonstrate skills learned in the treatment planning, fabrication and delivery of complete and partial dentures for community clients. Students will also assess and determine oral hygiene needs of clients as it relates to their health histories and provide a home care plan for clients.

ETHC3001 Ethics and Professionalism 42.0 Hours

This course will explore the Denturism profession including regulations, ethical decision-making and conflict resolution. The role of the College of Denturists of Ontario will be reviewed in detail with emphasis placed on the Standards of Practice and Quality Assurance program. Various career options and employment relationships will be discussed.

GERT1000 Gerontology 42.0 Hours

In this course students will be introduced to the aging process. Health aging as well as common chronic diseases experienced by the elderly will be considered as well as their

implications to oral health. Specific attention will be given to communication strategies and interpersonal relationships with the older individual and their family and caregivers.

MGMT3007 Denturism Practice Management 42.0 Hours

This course will help students develop the business skills required to associate in or operate a successful Denturist practice. Students will discuss small business management principles as well as investigate elements of a business plan. The student will learn how to complete third party insurance predeterminations and claim forms, establish and use an expense and disbursement account system and the operation of a computerized dental office management system. Students will also recognize the legal and ethical factors that involved in managing a practice with emphasis on current regulations and professional standards.

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.