

DENTURE DESIGN AND FABRICATION

Program: DDFA

Credential: Ontario College Diploma

Delivery: Full-time

Work Integrated Learning: 1 Clinical Placement

Length: 4 Semesters

Duration: 2 Years

Effective: Fall 2026

Location: Barrie

Description

In a dental laboratory environment, you develop skills in design and fabrication of dentures including complete and partial prosthetics and implants. You use a problem-solving framework basing all decisions, judgments and interventions on current theory and research. An emphasis is placed on interprofessional education and learning to work within a collaborative oral health-care team. You employ technologies to design and fabricate digital dentures with the help of computer-aided design (CAD) and computer-aided manufacturing (CAM) software, scanners, 3-D printers, and bench mills. Legal and ethical responsibilities are stressed. In preparation for employment, you practice and enhance your knowledge and skills of denture design and fabrication procedures in an external professional laboratory.

Career Opportunities

Graduates of this program may work in a wide variety of dental settings including:

- Denturism Office
- Dental Laboratory
- Dentist Office

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. adhere to professional, ethical, and regulatory standards in compliance with current industry guidelines and legislation;
2. design, fabricate and maintain a variety of removable dental prostheses to meet diverse patients' dental needs;
3. apply industry-standard quality assurance measures to uphold aseptic procedures, promote health and safety, and ensure the proper functioning of dental laboratory equipment;
4. collaborate with team members to build interprofessional relationships that contribute to a safe and positive workplace;
5. assist with business elements including financial, administration and marketing activities to support the management of a denturist office;
6. develop and apply strategies for personal, career and professional development to enhance work performance and maintain currency with industry.

Program Progression

The following reflects the planned progression for full-time offerings of the program.

Fall Intake

- **Sem 1:** Fall 2026
- **Sem 2:** Winter 2027
- **Sem 3:** Summer 2027
- **Sem 4:** Winter 2028

Admission Requirements

- Ontario Secondary School Diploma (OSSD) or equivalent, mature student status
- Grade 12 English (C or U)
- Grade 12 Mathematics (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/academic-regulations/ (<https://www.georgiancollege.ca/admissions/academic-regulations/>)

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 for Prior Learning website for details:

www.georgiancollege.ca/admissions/credit-transfer/ (<https://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 student's 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 work placement.

Graduation Requirements

22 Program Courses
1 Clinical Placement
1 Communications Course
3 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.

Program Tracking

The following reflects the planned course sequence for full-time offerings of the Fall intake of the program. Where more than one intake is offered contact the program co-ordinator for the program tracking.

Semester 1		Hours
Program Courses		
BIOL 1040	Anatomy and Physiology Introductory Concepts	42
DENT 1049	Complete Dentures - Introduction	140
DENT 1078	Introduction to the Profession of Denturism	42
DENT 1079	Orofacial Anatomy for the Denturist	42
DENT 1085	Dental Materials	28
Communications Course		
Select 1 course from the Communications list during registration.		42
General Education Course		
Select 1 course from the General Education list during registration.		42
Hours		378
Semester 2		Hours
Program Courses		
DENT 1050	Anatomy and Physiology for the Denturist	42
DENT 1080	Principles for the Regulated Dental Professional	84
DENT 1081	Partial Dentures Lab 1	56
DENT 1082	Partial Dentures Design 1	28
DENT 1083	Oral Histology and Embryology for the Denturist	28
DENT 1084	General and Oral Microbiology for the Denturist	42
DENT 2010	Complete Dentures - Intermediate	84
Hours		364
Semester 3		Hours
Program Courses		
DENT 2039	Casting Theory	42
DENT 2040	Castings Lab	56
DENT 2041	Denture Design and Fabrication Clinical Placement Preparation	28
DENT 2042	Partial Denture Design and Fabrication Theory 2	28
DENT 2043	Partial Denture Design and Fabrication Lab 2	56
MGMT 3007	Denturism Practice Management	42
General Education Course		
Select 1 course from the General Education list during registration.		42
Hours		294
Semester 4		Hours
Program Courses		
DENT 2022	Radiographic Interpretation	28
DENT 2044	Dental Implants for Denture Design and Fabrication	42
DENT 2045	Prosthodontic Theory for Denture Design and Fabrication	42
DENT 2046	Introduction to Digital Dentures for Denture Design and Fabrication	84
Clinical Placement		
DENT 2047	Denture Design and Fabrication Clinical Placement	112
General Education Course		
Select 1 course from the General Education list during registration.		42
Hours		350
Total Hours		1386

ongoing basis to ensure relevance to changing educational objectives and employment market needs.

Program outlines may be subject to change in response to emerging situations, in order to facilitate student achievement of the learning outcomes required for graduation. Components such as courses, progression, coop work terms, placements, internships and other requirements may be delivered differently than published.

Graduation Window

Students unable to adhere to the program duration of two years (as stated above) may take a maximum of four years to complete their credential. After this time, students must be re-admitted into the program, and follow the curriculum in place at the time of re-admission.

Disclaimer: The information in this document is correct at the time of publication. Academic content of programs and courses is revised on an