

# DENTAL TECHNOLOGY PROGRAM (S100)

<b>PROGRAM NAME</b>	Dental Technology	<b>TUITION</b>	\$9,477.00 * †
<b>COURSE CODE</b>	S100	<b>ADDITIONAL COST</b>	
<b>SCHOOL</b>	School of Dental Health		
<b>CENTRE</b>	Health Sciences		
<b>LOCATION</b>	Waterfront Campus		
<b>DURATION</b>	3 years (6 semesters)		
<b>EXPERIENTIAL LEARNING</b>	Field Education		
<b>STARTING MONTH</b>	September		
<b>CREDENTIAL</b>	Ontario College Advanced Diploma		
<b>YEAR OF STUDY</b>	2018-2019		
<b>METHOD OF STUDY</b>	FT		
<b>APPLY TO</b>	Ontario Colleges <sup>1</sup>		

\* Amounts listed are the total of tuition, materials, student service and ancillary fees for the first two semesters of programs starting in fall 2017. Fees are subject to change for programs starting in fall 2018 and at later dates.

† There will be additional costs to the program in each year of study, including textbooks, appropriate laboratory attire and personal protective equipment. There is a refundable rental fee for some equipment on loan to the student.

The **Dental Technology program** will prepare you to work in the field of dental technology. If you want to work in the dental industry but don't necessarily want to engage directly with clients, consider this profession. We recommend that you have an eye for detail, enjoy working with your hands and have good hand/eye coordination.

We'll teach you to use a variety of tools to create oral devices that are prescribed by regulated dental practitioners (often a dentist). You'll learn how to use specialized hand tools, molds and the latest technology to make oral devices that are as unique as the individuals you will be creating them for. You'll practice your skills in our on-site high-tech dental labs as we teach you to create:

- Full dentures
- Partial dentures
- Crowns
- Bridges
- Implant-regulated restorations
- Orthodontic appliances
- Other speciality items

**Graduates of this program are eligible to apply to take the registration examination and apply to the College of Dental Technologists of Ontario to obtain a Certificate of Registration.** (Note: Additional fees apply.) Without a certificate they may work as a lab technician under the supervision of a Registered Dental Technologist. See [cdto.ca](http://cdto.ca) for further information about registration with the College of Dental Technologists of Ontario.

## EXPERIENTIAL LEARNING

Field Education

## YOUR FIELD STUDY OPTIONS

This program has a field education component, which provides students with the opportunity to relate their education to the practice of Dental Technology while gaining valuable field experience.

All students will have the opportunity to practice their consolidated skills in an external professional laboratory. Students are responsible for organizing their own field education placement.

## PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Apply learned theory of biology, biomechanics, chemistry, and anatomy in all relevant aspects of dental technology practice.
2. Employ safe and aseptic procedures when using and maintaining equipment and materials associated with the dental technology profession.
3. Select and utilize specified materials in the construction of dental prostheses, recognizing the materials' limitations and advantages.
4. Complete all work in the dental technology practice in adherence to the legislative and ethical requirements of the profession.
5. Design and construct dental prostheses using current technologies and materials.
6. Analyze and evaluate the design and construction of dental prostheses.
7. Work and communicate effectively as part of an interdisciplinary health care team.
8. Identify effective business practices in the management of a dental laboratory.

## REQUIRED COURSES

### SEMESTER 1

Code	Course Name
ANAT1010	Functional Anatomy
ANAT1038	Head and Neck Anatomy
DENT1026	Complete Denture Construction I
DENT1030	Orthodontics I
DENT1150	Introduction to Dental Technology
COMM1003	English Skills (if necessary)
GNED	General Education Elective

### SEMESTER 2

Code	Course Name
DENT1014	Crown and Bridge I
DENT1015	Acrylic Partial Dentures I
DENT1092	Complete Dentures II
DENT1128	Dental Lab Materials
BIOL1004	Microbiology and Infection Control
COMM1007	College English
GSSC1053	Collaborative Health Care in Canada

### SEMESTER 3

Code	Course Name
DENT1108	Cast Partial Dentures I
DENT2001	Complete Dentures III
DENT2002	Crown and Bridge II
DENT2014	Orthodontics II
GNED	General Education Elective

### SEMESTER 4

Code	Course Name
DENT2003	Crown and Bridge III
DENT2004	Cast Partial Dentures II
DENT2005	Complete Dentures IV
DENT2024	Orthodontics III
DENT2039	Oral Pathology for the Dental Technologist
DENT2037	Ceramics I

### SEMESTER 5

Code	Course Name
DENT3010	Complete and Partial Dentures
DENT3011	Crown and Bridge IV
DENT3012	Orthodontics IV
DENT3015	Ceramics II
MGMT2012	Applied Management Practice – Dental Lab
GHUM3003	Jurisprudence, Ethics and Professional Responsibilities

### SEMESTER 6

Code	Course Name
DENT3008	Specialty Pre-Graduate Lab Experience
DENT3027	Fixed/Removable Implants
DENT3028	Field Placement

Detailed course outlines

General Education Electives

## YOUR CAREER

Graduates of this program are eligible to apply to take the provincial registration examination and apply to the College of Dental Technologists of Ontario (CDTO) to obtain a Certificate of Registration. Without a certificate graduates may work as a lab technician under the supervision of a Registered Dental Technologist. See [cdto.ca](http://cdto.ca) for further information about a Certificate of Registration with the CDTO.

Graduates practice in various settings, but must be registered with the College of Dental Technologists of Ontario in order to supervise the operation of a dental laboratory and to work as a Dental Technologist.

Dental Technologists are members of a self-regulated health-care profession.

### Upon obtaining a Certificate of Registration in the Province of Ontario, graduates may:

- open their own dental laboratory
- supervise the operation of an existing dental laboratory
- work as a Dental Technologist in a dental laboratory or dental office

### Without obtaining a Certificate of Registration in the Province of Ontario, graduates may work as:

- a lab technician under the supervision of a Registered Dental Technologist
- a sales representative with a dental supply company

## FUTURE STUDY OPTIONS

For information on future study options, see [georgebrown.ca/transferguide](http://georgebrown.ca/transferguide).

## ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent\*\*
- Grade 12 English (C or U) - A grade of 70% or higher is required.
- Grade 11 Math (M or U) or Grade 12 (C or U) - A grade of 60% or higher is required.
- Grade 11 Biology (C or U) or Grade 12 (U) - A grade of 70% or higher is required.
- Grade 11 Chemistry or Physics (U) or Grade 12 Chemistry or Physics (C or U) - A grade of 60% or higher is required.

Please note: The manual dexterity test is no longer required for this program.

## **\*\* MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)**

Mature Students may take the Admissions Assessment<sup>2</sup> for English, Math or Science, OR may consider upgrading to achieve the credit(s) needed in English<sup>3</sup>, Math<sup>4</sup> or Science<sup>5</sup>.

Please note that George Brown is committed to ensuring that applicants will succeed in their program of choice and meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

## **COURSE EXEMPTIONS**

College or university credits may qualify you for course exemptions. Please visit [georgebrown.ca/transferguide](http://georgebrown.ca/transferguide) for more information.

## **SPECIAL REQUIREMENTS**

### **ADDITIONAL MANDATORY REQUIREMENTS**

#### **Standard First Aid with CPR level C Certificate**

- Upon acceptance and confirmation into the program, students must register and show proof of Standard First Aid Certificate (must be renewed every three years) and CPR level C Certificate (must be renewed every year), which must remain valid every academic year. Once you've completed and received your certificate, you must book an appointment and submit it at Clinical Pre-placement Office. For more information, please visit [georgebrown.ca/preplacement/certificates/](http://georgebrown.ca/preplacement/certificates/)

#### **Pre-placement Health Form (for 3<sup>rd</sup> year students only)**

1. Upon acceptance and confirmation into the program, students must meet all the mandatory pre-placement health requirements for this program. It may take up to four months to complete all the requirements.
2. All costs, service fees and fines associated with the overall health requirements are the responsibility of the student.
3. For details and to download the mandatory pre-placement health form, go to the pre-placement website at [georgebrown.ca/preplacement](http://georgebrown.ca/preplacement).

“There is no better place to go for Dental Technology than George Brown College.”

**Drew Ferraro** (Graduate 2000, Dental Technology)

## **CONTACT US**

Contact Qian Yang at [qyang@georgebrown.ca](mailto:qyang@georgebrown.ca) for program information.

For more information about George Brown College, you may also call the Contact Centre at 416-415-2000 (TTY 1-877-515-5559) or long distance 1-800-265-2002.

## **LINKS REFERENCE**

<sup>1</sup><https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=S100&lang=en>

<sup>2</sup><http://www.georgebrown.ca/assessment/admi-pre/>

<sup>3</sup><http://www.georgebrown.ca/upgrading-credits/english-diploma/>

<sup>4</sup><http://www.georgebrown.ca/upgrading-credits/math-diploma/>

<sup>5</sup><http://www.georgebrown.ca/upgrading-credits/sciences-diploma/>

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