HOW TO APPLY

Application Information

Application is made through the Ontario College's Application Service (OCAS). APPLICATION DEAD-LINE IS FEBRUARY 1st. of the year applied. An application for the program can be obtained by either contacting the Prosthetic & Orthotic Program's Faculty Office at Sunnybrook, the George Brown College Enquiry Centre, or OCAS directly. Telephone numbers and addresses are listed below.

Applications are processed by OCAS and the candidate's names and related information are passed on to the George Brown College Admissions Department. The Admissons Department then checks if the applicants meet the academic requirements to apply to the program. Our faculty office will then receive all the applicant's names who are academically acceptable and then dates for interviews & manual dexterity testing will be scheduled at Sunnybrook. Please see page 7 of this brochure for a more detailed description of the selection process.

Those who apply should submit the appropriate documentation supporting your application to the Prosthetic & Orthotic Faculty Office at Sunnybrook. This should include a resume, letters of reference, confirmation of any related work experience, and any other pertinent data that could be used during the evaluative process. In addition to sending your academic transcripts to the application centre (OCAS), you must send a copy to the Faculty Office also. This information is required for those who receive an interview and manual dexterity test and should be sent before you are scheduled for testing. If this is not possible, candidates can also bring this information with them on their designated testing day.

Recommendations

Before applying, potential candidates of the program can contact the Prosthetic and Orthotic office, to visit the school and talk with faculty and students. You can also browse through our website at: www.gbcpando.com

Due to the specialization and unique characteristics of this profession, it is recommended that those who wish to enter this profession and program, visit rehabilitation and orthotic and prosthetic facilities to see the types of devices made and the special skills required to fabricate them.

Volunteering in a facility will enable you to learn and experience first hand more about this profession, and what it involves, and would soon tell you if you are suited to and will enjoy this type of work.

CONTACT INFORMATION

Prosthetic & Orthotic Faculty Office, c/o SCIL, 2075 Bayview Ave., Toronto, ON, CANADA, M4N 3M5 416-480-5783 fax 416-480-5975 E-mail - gbcpando@gmail.com

Enquiry Centre, George Brown College, P.O. Box 1015, Station B, Toronto, ON, M5T 2T9 416-415-2000 800-263-8995 fax - 416-415-4993 Web Site: http://www.gbrownc.on.ca

Ontario College Application Service, P.O. Box 810, 370 Speedvale Ave. W., Guelph, ON, N1H 6M4 519-763-4725 888-892-2228 fax 519-763-4866 Web Site: www.ocas.on.ca

Orthotic/Prosthetic Technician Program at the Sunnybrook Health Sciences Centre











GEORGE BROWN COLLEGE Prosthetic & Orthotic Programs

c/o SCIL, 2075 Bayview Ave., Toronto, ON, CANADA, M4N 3M5 416-480-5783 fax 416-480-5975 E-mail - gbcpando@gmail.com Website - www.gbcpando.com





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Program Faculty

Program Name:	Orthotic/Prosthetic Technician		
Program Length:		2 years / 4 semesters	
Dean, Health Sciences:		Lori Shekter-Wolfson	
Chairman, Allied Health:		Doug Stulla	
Full-time Faculty:			
Coordinators:	Gord Ruder, B.Sc., M.Sc., C.O.(c) Dan Blocka, B.Sc., C.O. (c), F.C.B.C.		

Part-time Faculty:

Carla Michelin-Clarke, B.Sc., R.T.O.(c), C.O.(c) Michael Lue-Kim, B.Sc., R.T.P.O.(c) Paul Russell, R.T.P.(c) Leanne McMunn, R.T.P.O.(c) Kyla Lau, R.T.P.(c) Emily Enright, B.Sc.

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Program Goals & Outcomes

PROGRAM GOAL

The Orthotic/Prosthetic Technician program at George Brown College prepares individuals in the technical aspects of Orthotic and Prosthetic management and in obtaining the necessary competencies to function effectively as an integral team member in the delivery of Orthoses and Prostheses.

Graduating students will have the entry level skills as an Orthotic or Prosthetic Technician to allow them to proceed towards fulfilling the necessary requirements for Registration with the Canadian Board for Certification of Prosthetists and Orthotists.

General Program Outcomes

Upon successful completion of the Orthotic Prosthetic Technician Program the graduate Technician will be able to:

- 1. Perform all primary fabricating procedures such as vacuum molding, laminations, bending and aligning components, and other such processes as deemed required by the programs curriculum committee.
- 2. Perform all required technical skills such as fastening, sanding, gluing, cutting, drilling, etc., at a reasonable competence as determined by the present standards set by the program's curriculum committee.
- 3. Identify and perform tasks involved in the repair and maintenance of prostheses and orthoses.
- 4. Identify and describe the common materials used in orthotic and prosthetic practise and demonstrate the proper use of such materials.
- 5. Based on the appropriate prescription and directions of the Certified Orthotist or Prosthetist, develop an efficient and effective protocol for the fabrication of orthoses and prostheses.
- 6. Identify and demonstrate the proper procedures, operating specifications and common safety practices in the use of machines, tools and the handling of materials required in the fabrication of orthoses and prostheses.
- 7. Demonstrate a competent knowlege in the application and function of common orthotic and prosthetic appliances and their corresponding components and systems.
- 8. Demonstrate the common orthotic and prosthetic bench or static alignment procedures necessary to prepare the orthotic or prosthetic appliance for patient fitting and articulate the principles (biomechanical, anatomical, etc.) used in determining such alignments.
- 9. Demonstrate a basic knowledge of the pertinent biomechanical, anatomical, physiological, and pathological concepts necessary for the effective implementation of technical and clinical procedures in the delivery of orthotic and prosthetic care.
- 10. Appreciate the need to keep abreast of new techniques and developments with respect to orthotic and prosthetic care and demonstrate an ongoing commitment to the research and development of more effective prosthetic and orthotic designs and procedures.

- 11. Appreciate the roles the Orthotic/Prosthetic professional bodies play in the maintenance of standards and the development of the profession and be willing to contribute towards its advancement.
- 12. Appreciate the roles of the various health team members involved in the delivery of Orthotic and Prosthetic care.
- 13. Be familiar with issues related to the supervision of support personnel and laboratory activities and also the administrative duties required in the management of a prosthetic/orthotic practise.

Course Listing

<u>Course Title</u>	<u>Hrs/Wk.</u>	Course Title Hr	<u>s/Wk.</u>
Semester 1		Semester 2	
Fabrication Theory	2.0	Fabrication Theory	2.0
Materials & Laboratory Techniques	16.0	Materials & Laboratory Techniques	16.0
Kinesiology I	3.0	Kinesiology II	3.0
General Education Foundation	3.0	Computer Skills & Applications	3.0
Anatomy	2.0	Pathology	2.0
Sociology	3.0		
College English	3.0		
Semester 3		Semester 4	
Eabrication Theory	20	FabricationTheory	20
Materials & Laboratory Techniques	16.0	Materials & Laboratory Techniques	16.0
Kinesiology/Biomechanics for Technician	s I 2.0	Kinesiology/Biomechanics for Technicians I	1 2.0
Externally Powered Prosthetics/Orthotics	6	Professional Issues in Orthotics/Prosthetics	2.0
Rehabilitation Technology	3.0	Prosthetic & Orthotic Seminars	2.0
Computer Applications for			
Presentation & Publication	2.0	Pre-Graduate Work Experience I	4 weeks
Pre-Graduate Work Experience II	4 weeks	·	

Statistical Information

Student Intake:	28
Average No. of Applicants	150
Classes running per year:	2
Attrition (past five years):	30%

Employment Record over the past 5 years: Approximately 85%

About the Program

The George Brown College Prosthetic-Orthotic Technician Program is the only technical training program in Prosthetics and Orthotics in Canada. It is a two year diploma program which accepts twenty-five students each year. All students entering the program have at least the equivalent of an Ontario High School Graduation Diploma. Many also have varying degrees of work related experience or have completed a previous University or College program.

The George Brown College Prosthetic-Orthotic Technician program has supplied technical personnel for the Prosthetic and Orthotic profession for over twenty years. It is still the only full-time technical training program in Canada and one of three in North America. Throughout the seventies the program had an optional third year that was clinically based. After the inception of the two year Clinical Methods in Orthotics and Prosthetics program in 1979, the optional third year was discontinued.

The program's first class was selected in the Spring of 1970 and the program began the following September. The program was based out of the Casa Loma Campus at George Brown College. Due to the lack of available space at the Casa Loma Campus and the lack of proximity to a patient care facility, both of the College's Prosthetic & Orthotic programs moved to West Park Hospital (Weston) in the summer of 1981. In the summer of 1995 the programs moved to the Sunnybrook & Health Science Centre and are currently located in the Sunnybrook Centre for Independent Living (SCIL). Over 8,000 square feet of space was renovated and allocated solely for the programs use. The programs are now located in one of the best facilities for Prosthetic & Orthotic education in the world.

The program prepares individuals in the technical aspects of Orthotic and Prosthetic management. Upon graduation the students have the initial competencies to function as an integral team member in the delivery of Orthoses and Prostheses. Graduates are also eligible to sit national registration exams after working in the profession for 2 years under the supervision of a registered technician or a certified practitioner. Many graduates of the program have a desire to be a clinical practitioner in the profession and apply to the Clinical Methods in Orthotics & Prosthetics Program.

The program has many unique activities that have become fixtures in the operation of the program. Since the inception of the program it is mandatory for all second year technical students to present a related topic in a formal setting. These "Grand Rounds" sessions occur once a month in the presence of faculty, students, and professionals from the field.

The program has a formalized Curriculum Committee which meets regularly and includes practising technicians and clinicians. The Curriculum Committee must ensure that the Orthotic-Prosthetic Technical Program is responsive to and reflective of the most up to date technical theories in the profession. Another role of the Committee is to maintain and improve communication with the profession and the Technical Registration Committee of the Canadian Board for Certification of Prosthetists and Orthotists (CBCPO).

Student Selection

As is clearly stated in the College Calender course description, to apply for the Prosthetic-Orthotic Technician Program a candidate must have a least the equivalent of a Ontario High School Graduation Diploma with credits in Physics and Biology or one can apply as a Mature Student.

Those who are deemed academically acceptable by the College Admissions Department will be scheduled for testing at the Sunnybrook Center for Independent Living. This testing involves at least an interview and manual dexterity test. The interview format involves one thirty minute interview for every applicant. The interviewers are for the most part professionals in the field who either teach in the program or are graduates from the program. The manual dexterity testing is comprised of a number of stations involving various tasks that normally take twenty minutes to compete.

Approximately twenty-eight applicants are selected for the first year class beginning in September of each calender year.

Selection Process for the Orthotic / Prosthetic Technician Program

