

BUILDING INFORMATION MODELING (BIM) MANAGEMENT PROGRAM (POSTGRADUATE) (T412)

PROGRAM NAME	Building Information Modeling Management
COURSE CODE	T412
SCHOOL	Angelo DelZotto School of Construction Management
CENTRE	Construction Engineering Technology
LOCATION	Casa Loma Campus
DURATION	1 year (3 semesters)
STARTING MONTH	September, January
CREDENTIAL	Ontario College Graduate Certificate
YEAR OF STUDY	2019-2020
METHOD OF STUDY	FT
APPLY TO	Ontario Colleges ¹

TUITION

\$7,034.00* ‡

ADDITIONAL COST

*Amounts listed are the total of tuition, materials, student service and ancillary fees for the **first** two semesters of program starting in Fall 2018. Fees are subject to change for programs starting in Fall 2019 and at later dates.

‡May semester fees are paid separately.

International students: Visit the International Fees and Related Costs² page for more information.



Graduates of this program will be able to deploy **BIM applications** and implement **BIM Management** processes in any organization involved in the procurement, design, construction and operation of building facilities.

Key features of the program:

- Class sizes are limited to provide increased access to a state-of-the-art BIM lab facility and interaction with course facilitators.
- Classes in Semesters 1 and 2 are scheduled on Thursday afternoon, all day Friday and Saturday to assist students who wish to work part-time or continue to work in their current employment.
- Semester 3 is a field placement that provides you with real-life opportunities to practice the skills learned in Semesters 1 and 2.

PART TIME STUDY OPTIONS

Part-time study options are not available for this program.

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Assess requirements for construction industry Building Information Modeling (BIM) planning and management for Integrated Project Delivery (IPD).
2. Formulate strategies for leadership, team-building and personnel management.
3. Analyze BIM processes in integrated project delivery from project conceptualization to facilities management.
4. Conduct project risk analysis using BIM processes.
5. Execute appropriate BIM management techniques to facilitate integrated project delivery.
6. Apply team-building skills in an interdisciplinary setting and implement in projects collaborative design and construction solutions.
7. Deploy BIM computer platform to create virtual building information models.
8. Integrate knowledge of various suites of BIM applications into project design, construction and facilities management.

REQUIRED COURSES

SEMESTER 1

Code	Course Name
BIM1000	Building Information Modeling (BIM) Fundamentals
BIM1002	Building Information Modeling (BIM) Management
BIM1003	Building Information Modeling (BIM) Software Integration
BIM1004	Building Information Modeling (BIM) Revit Architecture 1
BIM1005	Building Information Modeling (BIM) Revit Architecture 2
BIM1006	Building Information Modeling (BIM) Pre-Construction Visualization
BIM1071	Workplace Preparation

SEMESTER 2

Code	Course Name
BIM1010	Building Information Modeling (BIM) Implementation Strategies
BIM1011	Building Information Modeling (BIM) Project Planning
BIM1012	Building Energy Modeling
BIM1013	Building Information Modeling (BIM) Capstone Project
BIM1014	Work Term Preparation

SEMESTER 3

Code	Course Name
BIM1020	Work Term

YOUR CAREER

Upon graduation, students will be able to practice in various project environments in positions that may include:

- BIM Modeler
- BIM Specialist
- BIM Technologist
- BIM Coordinator
- BIM Construction Officer
- BIM Manager
- Energy Modeller
- 3D Laser Scanner



ADMISSION REQUIREMENTS

- Bachelor's Degree or 3-year Diploma in Construction Engineering (Structural, Civil, Mechanical, Electrical) or Architectural Studies.
- Proof of English language proficiency (georgebrown.ca/englishproficiency) required where International transcripts are submitted*

***Please note that Domestic applicants who are submitting International transcripts require a Canadian equivalency evaluation. This can be obtained through ICAS (International Credential Assessment Service) at icascanada.ca or WES (World Education Services) at wes.org/ca³**

ENGLISH LANGUAGE PROFICIENCY

Applicants with international transcripts who do not provide English proficiency test results must test at the College level in the George Brown College English assessment to be considered for admission.

Please visit georgebrown.ca/englishproficiency for more details.

COURSE EXEMPTIONS

College or University credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL (VISA) STUDENTS

Visit the International Admissions⁴ page for more information.

CONTACT US

Angelo DelZotto School of Construction Management

The office hours are 8 a.m. - 4 p.m., room E228

Phone: 416-415-5000, ext. 4398

Email: construction_mgmt@georgebrown.ca

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.

VISIT OUR CAMPUS

Do you have questions about this program or your career options? Join us for an on-campus Information Session. You'll have the opportunity to meet our friendly instructors and staff, ask questions and experience what it's like to be in a George Brown College classroom. Sign up for an Information Session⁵.

LINKS REFERENCE

¹<https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=T412&lang=en>

²<http://www.georgebrown.ca/international/futurestudents/tuitionfees/>

³<http://wes.org/ca>

⁴<http://www.georgebrown.ca/international/futurestudents/howtoapply/>

⁵http://www.georgebrown.ca/tours_technology/

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