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: 2018-2019

METHOD OF STUDY: FT

APPLY TO: Ontario Colleges¹

TUITION: $9,971.00 *

ADDITIONAL COST:

*Amount listed is the total of tuition, materials, student service and ancillary fees for the three semesters of the program starting in the fall of 2017. Fees are subject to change for programs starting in Fall 2018 and at later dates.

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 for Thursday afternoon, all day Friday and all day 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.
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

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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>BIM1004</td>
<td>Revit Architecture 1</td>
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<tr>
<td>BIM1005</td>
<td>Revit Architecture 2</td>
</tr>
<tr>
<td>BIM1002</td>
<td>Building Information Modeling (BIM) Management</td>
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<tr>
<td>BIM1003</td>
<td>BIM Software Integration</td>
</tr>
<tr>
<td>BIM1006</td>
<td>BIM Pre-Construction Visualization</td>
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<tr>
<td>BIM1071</td>
<td>Workplace Preparation</td>
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**SEMESTER 2**

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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>BIM1010</td>
<td>BIM Implementation Strategies</td>
</tr>
<tr>
<td>BIM1011</td>
<td>BIM Project Planning</td>
</tr>
<tr>
<td>BIM1012</td>
<td>Building Energy Modeling</td>
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<tr>
<td>BIM1013</td>
<td>BIM Capstone Project</td>
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<tr>
<td>BIM1014</td>
<td>Work Term Preparation</td>
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**SEMESTER 3**

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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>BIM1020</td>
<td>Work Term</td>
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For a list of General Education Electives click here.

**YOUR CAREER**

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

- Project Model Manager
- BIM Manager
- BIM Specialist
- BIM Coordinator
- BIM Construction Officer
- BIM Project Manager
- Energy Modeller

**ADMISSION REQUIREMENTS**

- Bachelor's Degree or 3-year Diploma in Construction Engineering (Structural, Civil, Mechanical, Electrical) or Architectural Studies.
- Proof of English language proficiency (www.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/ca

**INTERNATIONAL (VISA) STUDENTS**

Visit the International Admissions 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 Session.

**LINKS REFERENCE**

2. [http://www.georgebrown.ca/international/futurestudents/](http://www.georgebrown.ca/international/futurestudents/)
3. [http://wes.org/ca](http://wes.org/ca)
4. [http://www.georgebrown.ca/international/futurestudents/applynow/](http://www.georgebrown.ca/international/futurestudents/applynow/)
5. [http://www.georgebrown.ca/tours_technology/](http://www.georgebrown.ca/tours_technology/)

George Brown College is continually striving to improve its programs and their delivery. The information contained in this calendar is subject to change without notice. It should not be viewed as a representation, offer or warranty. Students are responsible for verifying George Brown College admission, graduation, and fee requirements as well as any requirements of outside institutions, industry associations, or other bodies that may award additional designations concurrently with, or after completion of, a George Brown College program.

**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.