Revisions/Updates to Published Agenda (as of January 22, 2019)

Monday, February 3, 2020
7:30 p.m. – Special Meeting
Council Chambers – 4th Floor

Members:  Mayor P. Brown
           Regional Councillor P. Vicente – Wards 1 and 5
           Regional Councillor R. Santos – Wards 1 and 5
           Regional Councillor M. Palleschi – Wards 2 and 6
           Regional Councillor M. Medeiros – Wards 3 and 4 (Acting Mayor – April)
           Regional Councillor P. Fortini – Wards 7 and 8 (Acting Mayor – March)
           Regional Councillor G. Dhillon – Wards 9 and 10 (Acting Mayor – February)
           City Councillor D. Whillans – Wards 2 and 6
           City Councillor J. Bowman – Wards 3 and 4
           City Councillor C. Williams – Wards 7 and 8
           City Councillor H. Singh – Wards 9 and 10

For inquiries about this agenda, or to make arrangements for accessibility accommodations for persons attending (some advance notice may be required), please contact:
   Terri Brenton, Legislative Coordinator, Telephone 905.874.2106, TTY 905.874.2130
cityclerksoffice@brampton.ca

Note: Meeting information is also available in alternate formats upon request.
1. Approval of the Agenda

2. Declarations of Interest under the Municipal Conflict of Interest Act

3. Delegations/Presentations

   3.1. Post-Secondary Education Presentation:
       - Asima Vezina, President, Algoma University
       - Mohamed Lachemi, President and Vice-Chancellor, Ryerson University
       - Janet Morrison, President and Vice Chancellor, Sheridan College

       *Published on the City’s web portal on February 3, 2020*

4. Reports

5. Correspondence

6. Public Question Period

   15 Minute Limit (regarding any decision made at this meeting)

7. By-laws

8. Confirming By-law

   8.1. 16-2020 To confirm the proceedings of Council at its Special Meeting held on February 3, 2020

9. Adjournment

   Next Meetings:  
   Wednesday, February 5, 2020 – 9:30 a.m.  
   Wednesday, February 26, 2020 – 9:30 a.m.  
   Wednesday, February 26, 2020 – 7:00 p.m. (Special Meeting re: 2020-2022 Budget Approval)  
   Wednesday, March 11, 2020 – 9:30 a.m.
Monday, February 3, 2020
7:30 p.m. – Special Meeting
Council Chambers – 4th Floor

**Members:**
Mayor P. Brown
Regional Councillor P. Vicente – Wards 1 and 5
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   Note: To be distributed prior to the meeting

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United for Brampton

Leveraging Higher Education to Drive Brampton’s Economic and Healthcare Outcomes
Our Vision in Brampton

Algoma University, Ryerson University and Sheridan College are proposing a new North-South partnership that will leverage our shared strengths to solve pressing public challenges.

By establishing joint programming and building new infrastructure in Brampton we can:

- Grow information technology jobs with a focus on cyber science and cybersecurity;
- Address mental health, addictions, and the growing opioid crisis; and
- Address hallway healthcare by growing system capacity and focusing on digital health innovations.
Current Context

Providing excellent service and a variety of coordinated educational opportunities for the residents of Brampton

26 Honours Baccalaureate degrees
  - Cybersecurity, Mobile Computing, Engineering, Kinesiology and Health Promotion, Athletic Therapy

Diploma programs in Allied Health, including Social Services, Practical Nursing, Personal Support Worker, Pharmacy Technician

Centre for Advanced Manufacturing and Design Technologies

Centre for Mobile Innovation

Student Support Services

Entrepreneurship Discovery Growth Engine (EDGE)

30 + degree programs

School of Business & Economics
  - BBA (HR, Accounting, Marketing)
  - Finance & Economics
  - MBA with International Partner (under development)

Centre for Social, Cultural, Economic Innovation
  - 4-6 New degree programs in Psychology, Law, CESD, Enviro Studies, Master’s in Clinical Psychology, Social Work (under development)

Centre for Social, Cultural, Economic Innovation
  - Cyber- Science (partnership with Ryerson)
  - Computer Science (Game Tech + Creative Arts, Mobile Software Engineering)
  - Master’s Computer Science (under development)

Cybersecurity Catalyst
  - Training and certification for 2,200 cybersecurity professionals.
  - Scale-Up support for 60 companies

Entrepreneurial supports
  - Career Centre, Tutoring and Mentoring support

Ryerson’s pre-existing degree programs Toronto include in allied health professions like nursing, psychology, child and youth work, and social work

12,000 Students in Brampton

870 Students in Brampton

800 Jobs to be Created
Cybersecurity

Growing the cybersecurity talent pipeline and creating information technology jobs in Brampton
More Options for Cybersecurity Education

- Algoma and Ryerson will launch new degree and re-skilling programs that could be completed in as little as six months.
- These programs will leverage the strength of existing cyber-related programming from all three institutions.
  - Students will be able to ladder their initial training into more intensive programming.
- Targeted at expanding the pool of learners coming through this talent pipeline, particularly those with a limited technology background.
- Offered flexibly in Toronto and Sault Ste. Marie/Brampton and allows for rapid generation of workers with cybersecurity literacy.
- Our vision is to blend interaction with Ryerson, Algoma and Sheridan-based experts, with in-person experiential and traditional learning opportunities delivered across Ontario.
Goals

1. Rapidly expand the number of options for Cybersecurity professionals at all levels – undergraduate, masters and doctoral.

2. Create a large pool of highly educated professionals with training in Cybersecurity to attract new businesses to Brampton.

3. Entrench Brampton’s reputation as the Cybersecurity capital of Canada.

4. Support and enhance other Cybersecurity assets in Brampton, such as the Rogers Cybersecure Catalyst.
Brampton Centre for Health and Innovation

Research and medicine of the future
Brampton’s Healthcare Needs

Higher education can be a powerful partner in addressing pressing public challenges. Brampton faces significant healthcare capacity issues.

- By 2025, the Region’s population is expected to grow to 1.1M, with disproportionate growth in the seniors’ population.

- In 2018, the Osler health system experienced more than 150 days where inpatient care outweighed beds available.

- Brampton and Ontario face a significant need for healthcare providers who have cross-cultural competencies. In the Osler Health Network, 47% of residents are Immigrants, 7% of whom are new to Canada within the last 5 years.
Brampton Centre for Health and Innovation

Algoma, Ryerson and Sheridan will leverage our innovation strengths to meet these pressing public challenges by establishing a new Centre for Healthcare and Innovation.

This Centre will serve as a point-of-origin for:
- Community-based clinical education;
- Interprofessional Practice;
- Integration of technology into practice; and
- Culturally competent training.

Outcomes of the Centre:
- Increase capacity in the William Osler Health Network by increasing the supply of qualified health professionals.
- Centre the next generation of health technology innovation and job creation in Brampton.
- Ensure that healthcare professionals in Brampton have the competencies to serve families from a diversity of backgrounds.
Goals

1. Expand allied health programs (nursing, social work, psychology) in Brampton, ensuring clinical practice occurs in needed areas of growth.

2. Develop new community-accessible clinical space, and cross-cultural resources and supports for diverse communities accessing the healthcare system.

3. Establish a Community Health Zone for innovation and scale-up of companies focused on digital health solutions.

4. Over time, work with Brampton to develop the Centre into a new medical school focused on population medicine, and community-based, cross-cultural education.
Mental Health and Addictions

Supporting community well-being
Institute for the Prevention and Treatment of Mental Illness and Addictions

- Algoma U in partnership with Sault Area Hospital, Shingwauk Kinoomaage Gamig (an Indigenous Institute) and the Northern Ontario School of Medicine is proposing an Institute for the Prevention and Treatment of Mental Illness and Addictions.
- This Institute will prepare a new generation of mental health professionals through certificate, diploma, degree-level, Master’s programs, and medical training (NOSM).
- The Institute would eventually be expanded (North-South Link) to support the Brampton Centre for Health and Innovation.
- Algoma will work with Ryerson and Sheridan’s Centre for Mobile Innovation to leverage assets in Brampton that focus on digital health and data science informed solutions.
Goals

1. Link the Institute for the Prevention and Treatment of Mental Illness and Addictions with the health and cyber activity in Brampton.

2. Provide a new approach to addressing the mental health and addictions crisis in Ontario by providing research, training, and talent development that involves technology.


4. Prepare students to work with vulnerable populations, drawing on Indigenous ways of knowing and Western science.
Future Plans, Possibilities & Opportunities
Why Algoma + Ryerson + Sheridan

Our partnership will leverage differentiated strengths of three distinct postsecondary institutions to address provincial challenges.

- **Algoma** is a dynamic, rapidly growing institution with campus locations in Brampton, Sault Ste. Marie and Timmins. With a special mission to foster cross-cultural learning between Indigenous and other communities, Algoma is well positioned to offer enhanced programming that caters to identified workforce and socio-economic needs of Ontario through the Centre for Social, Cultural, and Economic Innovation, School of Business and Economics, School of Computer Science and Technology in Brampton.
- **Ryerson** is a leading technology innovation university that has established Ontario-wide strength in cybersecurity and healthcare. Ryerson has attracted over $30M in public and private sector support for its Cybersecure Catalyst, an industry-linked training and certification program for aspiring professionals. It also has established programs in allied health, including nursing, child and youth services and midwifery.
- **Sheridan** is one of Ontario’s leading colleges, offering career-focused credentials that engage students in learning, theory, applied research and creative activities. Program strengths include applied health, information sciences and cybersecurity, kinesiology and health promotion, and a Centre for Mobile Innovation – which focuses on applied research to generate innovative healthcare solutions through mobile technology.

Our vision is to **combine these strengths** to create new, cost-effective programming.