

**Fleming College**

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**JOINT PROGRAM AGREEMENT**

BETWEEN

**FLEMING COLLEGE**

AND

**TRENT UNIVERSITY**

**ORIGINAL AGREEMENT DATE: MARCH 1993. REVISIONS: MAY 2015 (EDITS TO REMOVE 2<sup>ND</sup> STREAM OF TRANSFER AS DICTATED BY DEPARTMENTS), NOVEMBER 2015 (AGREEMENT EXPANDED TO INCLUDE TRENT ARCHAEOLOGY STUDENTS)**

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## **Fleming College's**

Geographical Information Systems Advanced Certificate

and

## **Trent University's**

Honours degree in Environmental and Resource Science, Geography and Archaeology

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This agreement outlines the collaborative Emphasis in Geographical Information Systems program between Trent University and Fleming College. This Emphasis is available to students in the Honours BSc or BA program at Trent University in Geography, Environmental & Resource Science or Archaeology. This document establishes the principles, guidelines, and procedures governing admission and assessment of selected qualified students to enter the **Geographical Information Systems (GIS) Advanced Certificate** program at **Fleming College's Frost Campus in Lindsay** on an advanced standing basis, subsequent to the successful completion of **2 years (10.0 credits)** at **Trent University**. Hereafter, this collaborative effort will be referred to as the "Joint Program Agreement."

### **1. PURPOSE**

- 1.1. The purpose of this joint program is to recognize fully the potential that Trent University and Fleming College have to provide Trent University Honours student's admission to GIS advanced certificate program.

### **2. OBJECTIVES**

- 2.1. Ensure a seamless transition to Fleming College for qualified students of the Trent University Honours degree program in year three.
- 2.2. Define the process for admission to Fleming College for qualified students of the specified program at Trent University and general conventions regarding advanced standing credit to be applied towards the Honours Degree at Trent University.
- 2.3. Define the requirements for completion of an Honours Degree at Trent University.
- 2.4. Define the process for periodic review and assessment of the joint program with respect to the academic performance of students, consistency across curricula, assurance of academic integrity, and all other aspects of the joint program.

### **3. TERMS AND CONDITIONS OF THE AGREEMENT**

- 3.1. Fleming College and Trent University agree to set up a joint committee to oversee the administration of the Joint Program.
- 3.2. Joint committee responsibility includes, but is not limited to, application procedures, a review of courses, credit transfer, enrolment data, student performance, administrative matters, and all other pertinent issues, as necessary. This activity will take place on an annual basis, to be established at a mutually convenient time for both parties.

3.3. Upon successful completion of at least 10.0 university credits, with suitable standing towards a Trent Honours degree, including the departmental 1000-level introductory course plus at least 2.0 additional credits in the student's major, students may transfer through the following path and register as a full-time Fleming student during the third year of their Honours program:

- **Completion of Fleming Graduate Certificate and Trent Degree:**

Students who successfully complete all three semester of the GIS Application Specialist or GIS Cartographic Specialist program with a minimum grade of 60% in all courses will receive the corresponding Ontario College Graduate Certificate along with seven upper-level Trent Science credits, of which 4.5 will count as 3000-level Science credits in their major and 2.5 will count as unassigned 3000-level Science credits. Students must then complete 3.0 credits in their fourth year to fulfill the requirements of the single or joint-major degree, as outlined in the specific program degree requirements. "Emphasis in Geographical Information Systems (Applications)" or "Emphasis in Geographical Information Systems (Cartography)" will be noted on their Trent transcript.

#### **4. ADMISSION REQUIREMENTS**

4.1 To qualify for this agreement, students must have:

- Successfully completed GEOG-ERSC 2090H
- At least 1.0 credit from Computing and Information Systems
- All Geography majors should have successfully completed GEOG-ERSC-BIOL 2080H

4.2. Students are urged to acquire as much computer programming experience as possible beyond the required courses in order to equip themselves for the Technical Issues component of the Fleming year. Experience in algorithm design with C++ programming and visual basic languages would be an asset.

4.3. Students must meet all specific admission and enrollment standards and requirements for the program and will be accepted subject to capacity if applicable.

#### **5. APPLICATION PROCEDURES AND STUDENT RESPONSIBILITIES**

5.1. Applicants majoring in Geography or Environmental and Resource Science must consult with the chair(s) of the Geography or Environmental & Resource Science programs at Trent.

5.2. Applicants majoring in Archaeology must consult with the chair, or designate as selected by the department, of the Archaeology program at Trent.

5.3. Completed application forms must be submitted to the chair of Geography by January 20 during the students' second year of study.

5.4. Selection is based on the program of courses completed and on cumulative averages to date, including mid-year grades in second year.

5.5. Students are informed of the results of their applications prior to the opening of registration at Trent in the spring. If their applications are successful, they receive letters of acceptance and contact information for

the Fleming year of the program.

- 5.6. Students admitted to the program are also required to apply online through the Ontario College Application Service.
- 5.7. Students pay Fleming College fees during the third year of their program and Trent University fees for the other three years. Students are also required to pay the appropriate fee to OCAS for the program application.
- 5.8. Students enrolled in the Fleming program in their third year will register for courses through Trent for the fourth year of their Trent program.

## **6. IMPLEMENTATION AND REVIEW**

This agreement is subject to review when curricular changes may have an impact on the agreement. When a change occurs, the program department will notify their respective articulation designates so that the agreement can be updated. This Agreement may be terminated with a notice of a one year requirement. In the event of termination of the Agreement, every effort will be made to ensure that students currently enrolled in the program will not be affected.

**7. ACCEPTANCE OF AGREEMENT**

We, the undersigned, as the representatives of Trent University and Fleming College, hereby demonstrate our commitment to full implementation of the Agreement.

For, and on behalf of,  
Trent University

For, and on behalf of,  
Fleming College

\_\_\_\_\_  
Bruce Cater  
Dean of Arts and Science, Social Sciences

Trent University

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Linda Skilton,  
Dean/Principal, School of Environmental and  
Natural Resource Sciences, Wellness,  
Fleming College

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jackie Muldoon  
Provost and Vice-President Academic, Trent University

\_\_\_\_\_  
Date

\_\_\_\_\_  
Laurel Schollen  
Vice President Academic, Fleming College

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dr. Leo Groarke  
President and Vice-Chancellor, Trent University

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dr. Tony Tilly  
President, Fleming College

\_\_\_\_\_  
Date

DECEMBER 2019  
**ADDENDUM**  
TO THE  
**JOINT PROGRAM AGREEMENT**  
BETWEEN  
**THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY'S**  
**ONTARIO COLLEGE GRADUATE CERTIFICIATE IN GEOGRAPHIC INFORMATION**  
**SYSTEMS - APPLICATIONS SPECIALIST**  
OR  
**ONTARIO COLLEGE GRADUATE CERTIFICIATE IN GEOGRAPHIC INFORMATION**  
**SYSTEMS - CARTOGRAPHIC SPECIALIST**  
AND  
**TRENT UNIVERSITY'S**  
**BACHELOR OF SCIENCE (HONOURS) IN ENVIRONMENTAL & RESOURCE**  
**SCIENCE, GEOGRAPHY, AND ARCHAEOLOGY**

This Addendum recognizes the changes outlined below that will remain effective until the above-mentioned Agreement is terminated or until a new agreement is entered into, whichever occurs first.

Trent University implemented the following changes, which took effect in September 2018:

- The Emphasis in Geographical Information Systems has been renamed an Option in Geographical Information Systems;
- "Option in Geographical Information Systems (Applications)" or "Option in Geographical Information Systems (Cartography)" will be noted on a student's Trent transcript in place of "Emphasis in Geographical Information Systems (Applications)" or "Emphasis in Geographical Information Systems (Cartography)".

These changes refer specifically to the language used in the introductory paragraph and Section 3.3 of the Agreement. The terms of the agreement remain unchanged.

The following information was missing from the original agreement:

- Acceptance of Agreement signatures

The following signatures will act in place of the original signatories listed in the November 2015 update. These signatures recognize approval and full implementation of the November 2015 additions.

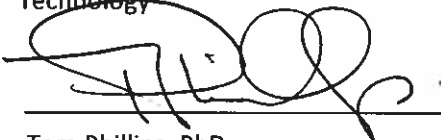
For, and on behalf of,  
Trent University



Dr. Jacqueline Muldoon  
Provost & Vice-President Academic

Jan 8/2020  
Date

For, and on behalf of,  
The Sir Sandford Fleming College of Applied Arts and  
Technology



Tom Phillips, PhD  
Vice President, Academic Experience

Jan 20/2020  
Date



November 29, 2023

Trent University Durham GTA  
55 Thornton Road South  
Oshawa ON L1J 5Y1

Attention: Tawny Flude, Team Lead, Coordinator, Articulation and Transfer Pathways

**Re: Suspension of the Ontario College Graduate Certificate in  
Geographical Information Systems - Cartographic Specialist  
Geographical Information Systems - Applications Specialist**

Dear Ms. Flude,

I wish to inform you of recent program changes. Fleming is committed to promoting excellence in the development, design, delivery, and ongoing review of its academic programs.

Fleming hereby notifies you that the **Ontario College Graduate Certificate in Geographical Information Systems - Cartographic Specialist** and the **Ontario College Graduate Certificate in Geographical Information Systems - Applications Specialist** had their final program intakes in September 2023. However, the College remains committed to the study of Geographic Information Systems discipline through the launch of a new program, **Ontario College Graduate Certificate in Geographic Information Systems (GIS) for Analytics**, for September 2024.

As per the Implementation and Review sections of the Joint Program Agreement:

**Implementation and Review**

This Agreement is subject to review when curricular changes may have an impact on the Agreement. When a change occurs, the program department will notify their respective articulation designates so that the Agreement can be updated. This Agreement may be terminated with a notice of a one year requirement. In the event of termination of the Agreement, every effort will be made to ensure that students currently enrolled in the program will not be affected.

It is our opinion that the nature of this change does not warrant the termination of this Agreement. We propose that this Agreement be immediately suspended to permit an evaluation of the new program's curriculum followed by a reevaluation and negotiation of the Agreement.



The College will make all efforts to ensure this change will not negatively affect current participating students under this Agreement. This collaborative Agreement has provided significant benefits to both institutions; we wish to see this relationship continue and flourish.

Sincerely,

A handwritten signature in cursive script that reads "Molly Westland".

Molly Westland, RN BScN MN  
Associate Vice President, Academic Operations