

JANUARY 2024
ADDENDUM
TO THE
ARTICULATION AGREEMENT #4906
BETWEEN
THE SIR SANDFORD FLEMING COLLEGE OF APPLIED ARTS AND TECHNOLOGY’S
ONTARIO COLLEGE DIPLOMA IN GEOLOGICAL TECHNICIAN
AND
TRENT UNIVERSITY’S
BACHELOR OF SCIENCE (HONOURS), ENVIRONMENTAL GEOSCIENCE

This Addendum recognizes the changes outlined below, which shall become effective as of the Fall 2023 intake at Fleming College. These changes will remain effective until the above-mentioned Agreement expires or until a new agreement is entered in to, whichever occurs first.

The following changes have occurred:

- Updated transfer credit block to reflect the following changes to the Geological Technician Diploma;
 - SCIE 62 – Introductory Chemistry (45 hours) has been replaced with SCIE 189 – Introduction to Environmental Chemical Science (60 hours);
 - GEOL 21 – Principles of Hydrogeology (60 hours) has been replaced with GEOL 162 – Groundwater Management (60 hours).

The transfer credits received remain unchanged.

These changes specifically refer to Section 5 of the Agreement.

BACHELOR OF SCIENCE (HONOURS), ENVIRONMENTAL GEOSCIENCE: TRANSFER CREDITS

Students graduating from Fleming College’s Geological Technician Diploma program with a minimum overall average of 75%, who are eligible, will be granted 9.0 credits toward the successful completion of a 20.0 credit Bachelor of Science (Honours) in Environmental Geoscience.

Courses Completed at Fleming College	Course Equivalencies at Trent University	# of Credits Received
GEOL 42 – Introduction to Mineralogy and Petrology (60 hours)	EGEO-GEOG 2001H – Earth Materials	0.5
GEOL 12 – Geophysical Methods (60 hours)	EGEO-GEOG 3001H – Applied and Environmental Geophysics	0.5
GEOL 35 – Stability of Earth and Structures (45 hours); GEOL 48 – Rock Engineering (45 hours)	EGEO-GEOG 3002H – Structural Geology	0.5
GEOL 17 – Geo-Environmental Site Investigations (45 hours); SURV 22 – Surveying for ERT (30 hours)	EGEO-ERSC-GEOG 3003H – Field Methods in Environmental Geoscience	0.5
APST 89 – Co-op Preparation/APST 100 – ERT Co-op Placement (645 hours)	EGEO 4000H – Environmental Geoscience Placement/Outreach Experience	0.5
ECOS 13 – Ecosystem Skills (60 hours)	BIOL 1020H – Foundations of Biodiversity	0.5

SCIE 189 – Introduction to Environmental Chemical Science (60 hours)	CHEM 1000H – Introductory Chemistry I	0.5
ENVR 20 – Ecology and Environment (60 hours)	ERSC 1010H – Environmental Science and Sustainability	0.5
GEOL 34 – Sampling Protocols (60 hours); SCIE 65 – Geochemical Environmental Analysis (45 hours)	ERSC 2230H – Environmental Assessment: Sampling and Analysis	0.5
GEOL 64 – Introduction to Sampling Protocols (60 hours); GEOL 83 – Earth and Atmosphere (45 hours); GEOM 163 – Fundamentals of Geomatics (45 hours); NATR 91 – Soil Mechanics (45 hours)	ERSC 2090H – Introduction to Geographical Information Systems; GEOG 1040H – Earth’s Physical Processes and Environments	1.0
MATH 25 – Statistics (45 hours)	GEOG-BIOL-ERSC 2080H – Natural Science Statistics	0.5
GEOL 39 – Surficial Geology (45 hours)	GEOG 3510H – Glacial and Quaternary Geomorphology	0.5
GEOL 162 – Groundwater Management (60 hours)	GEOG 4080H – Hydrogeology	0.5
INDG 49 – Introduction to Indigenous Studies (45 hours)	INDG 1001H – The Foundation for Reconciliation	0.5
COMM 201 – Communications I (45 hours)	WRIT 1001H – Write in Time	0.5
COMM 202 – Communications II (45 hours)	WRIT 2002H – Write It Up: Effective Communication	0.5
Completion of all program components, including GNED requirements	0.5 unassigned Arts credit at the 2000 level	0.5