

OBJECTIVES

Articulation Agreement •

Lakehead University Water Resource Science Program and Confederation College Environmental Technician Diploma

Lakehead University acknowledges the necessity of trying to instill environmental awareness in its students. This is an important component of helping to inform citizens and a key component of the current Academic Plan. However, along with the general goal of promoting environmental awareness specific programs must exist for students who want to specialize in aspects of the environment. Water Resource Science was implemented as such a program. This articulation agreement is designed to further augment this program by allowing Confederation College students who have graduated from their Environmental Technician program with an average of 70 or above to receive credit towards obtaining a university degree in the related field of Water Resource Science. A large number of the courses these students take at Confederation College are concerned with the role of water in the environment and their background in this diploma program is very well suited to put them at an advanced level in the Water Resource Science program at Lakehead University. Both programs are orientated towards the science of the natural environment and augment each other. The combination of training that students will receive in the diploma and degree programs will provide them upon graduation with an excellent background in both the practical and theoretical aspects of environmental management and remediation. Thus, it is reasonable to provide these students with advanced standing upon their entry to the Water Resource Science program. There is also a realistic expectation that this will increase the number of students enrolled in Water Resource Science.



Dr. Andrew P. Dean
Dean, Faculty of Science and
Environmental Studies



Dr Phil Fralick
Water Resource Science

**Proposal for an Articulation Agreement with the
College Environmental Technician Program**

Transfer College Students will be given credit for one year of the Water Resource Science Honours degree. Specifically the students will receive credit as follows:

BIOL 2_00	1FCE
BIOL 2_20	1 FCE
GEOG 2_00	1FCE
ENST 1_00	1FCE
ENST 1120	1 FCE

The Biology and Geography transfer credits count towards required Biology and Geography courses for the Water Resource Science Degree.

Courses College Transfer Students need to take to obtain their Water Resource Science four year **Honours** Degree

1st Year at University:

Fall	Winter
BIOL 1130	BIOL 1110
GEOL 1111	GEOL 1131
1FCE Elective	1FCE Elective
MATH 2321	MATH 2321
One FCE selected from GEOG 2221, 2251, 2351, 3411	

2nd year at University

Fall and Winter

BIOL 2210 and one 1 FCE in Biology from the list of Biology courses for the Water Resource Science degree
.5 FCE in GEOG from the list of Geography courses for the Water Resource Science degree
GEOL 2214 and GEOL 3311
CHEM 1110 and CHEM 1130
1 FCE elective

3rd year at University

CHEM 2111
Water Resource Science 4101*
Water Resource Science 4630
GEOL 3130 and 3410
GEOL 4011 and 4137
.5 FCE from the list of BIOL courses for the Water Resource Science degree
.5 FCE from the list of GEOG courses for the Water Resource Science degree

It is recommended that the student take Geography 3411, Geography 4411, Biology 4430 and Biology 4710.

*Students who do not have the necessary average to enter into the fourth year of the Honours program will replace Water Resource Science 4101 with one fce elective and will have the opportunity to receive a B.Sc. in Water Resource Science

Entrance requirement 70% or 3.0 from college.

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MEMORANDUM

TO: Dr. Andrew P. Dean, Dean, Science and Environmental Studies

FROM: John D. Smith, Director, Office of Admissions & Recruitment

SUBJECT: **Support for the Lakehead-Confederation Environmental Tech Articulation**

DATE: March 1, 2008

As referenced in the most recent meeting of the Council of Ontario Universities, student mobility and established transfer agreements with two-year colleges are the two areas that the province has set its sights on within post-secondary education.

This agreement with Confederation College, and its natural expansion to similar programs throughout the province, is fully in line with the goals of the provincial government. Faculties and departments have the ability to forge ahead under their own volition with articulation agreements, or wait for such items to be mandated from the province without the great discretion they currently have to set equivalencies.

First generation students, which are a large percentage of Lakehead's potential student base, are especially interested in direct entry into career areas out of university. This program allows for the technical and the academic to meld into a program those students and their families will understand and see as a future value in forming a future career.

The Office of Admissions and Recruitment offers its full support to the creation of the new articulation agreement between the Confederation College Environmental Tech program and Lakehead University's Water Resource Science program. This program meets the occupationally focused criterion set by the market. It also follows the successful formula of the Engineering program, which is a recipe for career success, in that it is a combination of the college level diploma and the university level degree. Students will be recognized not only for their academic knowledge within the field, but for their hands on technical abilities.

The Office of Admissions and Recruitment is in full support of this program.



Confederation

COLLEGE

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Andrew P. Dean, Ph.D.
Dean
Faculty of Science & Environmental Studies
Lakehead University
955 Oliver Road
Thunder Bay, ON P7B 5E1

Dear Andrew:

Lakehead University and Confederation College have partnered in a number of successful ventures over the years and have been innovative in their educational offerings to the community of North Western Ontario. This innovation will continue as Lakehead and Confederation once again move ahead on an articulation agreement between Confederation's Environmental Technician program and the Faculty of Science and Environmental Studies at Lakehead University. As I talk to our students about opportunities, further post-secondary educational options are normally mentioned and this agreement between our two institutions provides these opportunities. Not only will there be a tremendous benefit to our students but this is further evidence to our communities and students of our institutions willingness to collaborate.

I see great benefit in this agreement in that it provides added pathways for our students, and via the agreement, encourages students to aim for a degree if they so wish.

Sincerely,

Joe Vieira, Dean
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