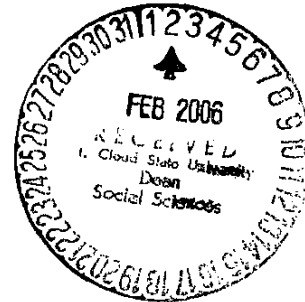


Articulation Agreement
Between
Northern Alberta Institute of Technology
And
St. Cloud State University



Sending program: **Diploma in Geomatics Engineering Technology,**
Edmonton, Alberta CANADA

Receiving Program: **Bachelor of Science in Land Surveying and Mapping Science**

PART I: TERMS OF THE AGREEMENT

Statement of Purpose:

This agreement has been entered into by the Northern Alberta Institute of Technology and St Cloud State University. The purpose of this agreement is to facilitate credit transfer and provide a smooth transition from one related degree program to another. The attached appendices shall describe the required program of study at the Northern Alberta Institute of Technology for admission eligibility to St. Cloud State University in the Bachelor of Science in Land Surveying and Mapping Science and the course of study required at St. Cloud State University to complete the degree. This agreement identifies all required and equivalent courses at each institution.

Terms and Conditions of Credit Transfer:

The parties of this agreement hereby agree to the terms and conditions set forth in this document.

The evaluation and transfer of earned college credits shall be in full compliance with Minnesota State Colleges and Universities MnSCU policies and all other state and Federal education policies pertaining to undergraduate credit transfer. Current students and graduates who have earned degrees, certificates or diplomas from the Northern Alberta Institute of Technology shall be eligible for credit evaluation under the terms of this agreement. Program specific requirements and/or required courses are listed in the appendices of this agreement.

Transfer students will be accorded the same standards and criteria for admission to a major program as students who originated their education at St. Cloud State University.

Associate of Arts degree transfer students and others who have completed the Minnesota Transfer Curriculum are exempt from additional lower division general education courses unless the degree program requires specific lower division general education courses.

Applicants accepted must fulfill the graduation requirements of the degree granting institution.

Joint Admission:

Students who are eligible may concurrently enroll in courses at both institutions and if concurrently enrolled may have access to advising and other services at both institutions.

Collaboration Practices:

Tuition and fees will be paid to the institution from which the student takes a course.

Upon student request, each institution will forward to the other copies of transcripts from students in the program.

Both institutions will inform potential students about this program.

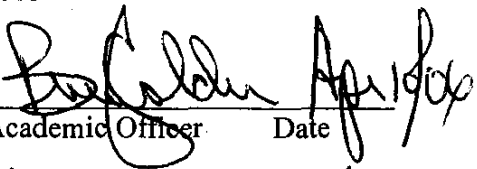
PART II: IMPLEMENTATION AND REVIEW

The Chief Academic Officers or designees of the collaborating institutions shall be responsible for implementing this agreement, for identifying and incorporating any changes in subsequent agreements, and for conducting a periodic review of this agreement.

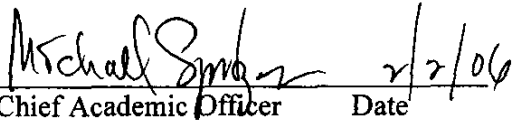
This agreement becomes effective on July 1, 2006, and remains in effect until terminated or amended by either party by written notice to the other party.

Northern Alberta Institute of Technology
11762 – 106th Street
Edmonton, Alberta T5G - 2R1
CANADA

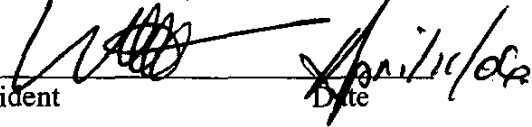
St. Cloud State University
720 Fourth Avenue South
St. Cloud MN 56301 - 4498
UNITED STATES



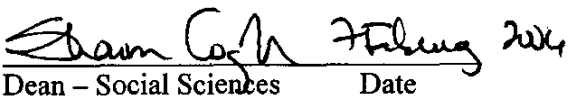
Chief Academic Officer Date



Chief Academic Officer Date



President Date



Dean – Social Sciences Date

Contact person: Professor Ken Wong at St. Cloud State University
320-308-3014 or kwwong@stcloudstate.edu

Appendix A: Courses to be taken at the Northern Alberta Institute of Technology

<u>Course Number</u> <u>Course Name</u>	<u>Equivalent course at SCSU</u> (if applicable)
General Education:	
ASE 116 Effective Communications I	
ASE 282 Effective Communications II	CMST 202 Special Topics in Comm. Studies (3)
ASE 383 Technical Report Documentation	
ASE 483 Technical Project Report	
ASM132 Technical Mathematics I	MATH 112 College Algebra (3)
ASM 232 Technical Mathematics II	Math 113 Trigonometry (2)
ASM 331 Technical Mathematics III	MATH 193 Mathematical Thinking and Modeling (3)
ASP 176 Physics	PHYS 103 Concepts in Physics (3)
GET 129 Computer Applications I	CSCI 169 Computers in Society (3)
GET 230 Computer Applications II	
GET 431 Subdivision Planning	CMTY 200 Cities, Suburbs and Small Towns (3)
GET 441 Geographic Information Systems	
GET 341 Cartography	GEOG 250 Map Fundamentals (3)
GET 241 Photogrammetry	
Technical University Transfers:	
GET 101 Basic Survey Calculations	Total Surveying transfer: 30 credits
GET 120 Introduction to Surveying	GEOG 199 Surveying I (10)
GET 130 Drafting and Plan Reading	GEOG 299 Surveying II (10)
GET 201 Survey Calculations	GEOG 299 Surveying III (7)
GET 211 Field Methods II	
GET 301 Cadastral Studies	
GET 311 Field Methods III	
GET 325 Global Positioning Systems	
GET 401 Engineering Surveys	
GET 411 Field Methods IV	
GET 421 Geodesy	
GET 331 Computer Applications	
GET 451 Computer Applications	

Students must have a grade of 65% to transfer any course as credits.

Total credits to be taken at the Northern Alberta Institute of Technology: 50

Appendix B: Courses to be taken at St. Cloud State University

<u>Course number</u>	<u>Course name</u>
GEOG 216	Principles of GI Science (3)
GEOG 335	Land Surveying (3)
GEOG 336	Control and Geodetic Surveying (3)
GEOG 350	Introduction to Remote Sensing (3)
GEOG 394	Introduction to Urban Planning (3)
GEOG 402	Techniques in GIS (3)
GEOG 406	Thematic Cartography (3)
GEOG 433	Cadastral Surveying (3)
GEOG 435	Boundary Law (3)
GEOG 436	GPS/GIS Integration (3)
GEOG 438	Geodesy and Survey Adjustments (3)
GEOG 439	Surveying Seminar (3)
GEOG 444	Internship: Practical Geography (3)
GEOG 455	Urban Site Development (3)
GEOG 462	Concepts of Spatial Analysis (3)
STAT 229	Statistics for the Physical Sciences (3)
MATH 221	Calculus and Analytic Geometry I (5)
MATH 222	Calculus and Analytic Geometry II (4)

Transfer credits from the Northern Alberta Institute of Technology with a Diploma in Geomatics Engineering Technology: 50

Additional SCSU General Education credits: 18

Credits to be taken in the Land Surveying and Mapping Science major: 60

With a Diploma in Geomatics Engineering Technology from the Northern Alberta Institute of Technology, the student will be required to complete 128 credits for the Bachelor of Science degree from St. Cloud State University.