



Information about Dual Credit Introduction to Surveying From Northern Lakes College

Do you enjoy working outdoors and working with high-tech equipment? If so, then you may want to consider a career in Surveying.

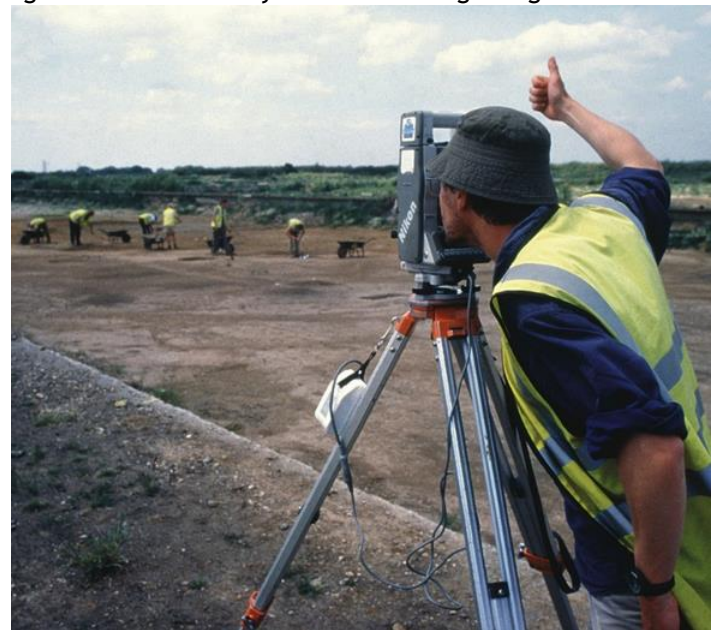
Why take dual credit Introduction to Surveying (ITSC)?

1. Earn up to 25 high school credits toward your high school diploma.
2. Save money. Some costs may be covered by your high school. Check with your school to determine if they cover any expenses.
3. Having the ITS certificate before leaving high school increases your chances of getting employment in the Survey industry.
4. Find out if Surveying is a career that you want to pursue before leaving high school.
5. Qualify for a \$500 tuition bursary. Dual credit students who successfully complete qualify for tuition bursary if they continue their post-secondary education with Northern Lakes College.

Location:

The Introduction to Surveying Dual Credit Program is available by asynchronous online learning combined with a one week practical Survey Field Training.

Transportation to and from the campuses is the responsibility of the student/parent.



Prerequisites:

1. English 10-2 and
2. Math 20-3

What is Asynchronous Learning?

The theory portion of this course is offered asynchronously. This term means that instruction and learning do not occur at a specific time or place. Instead instructions and learning are provided through pre-recorded video lessons, learning tasks, reference materials, testing as well as other sourced materials.

This does not however mean the student learns on their own, as an instructor is on hand to facilitate any questions the students may have through a variety of instructional interactions, including email exchanges, online discussion boards, and course-management systems that allow for live interactions with virtual whiteboards and presentation capabilities.

Qualified instructors are available throughout the program and typically offer support via telephone, email and video-conferencing within office scheduled time where students can learn or discuss topics related to the program.

Date/time:

	Term	Start Date	End Date	Application Deadline
Offering Dates for Theory Courses	1	Sept 26, 2022	Dec 19, 2022	Aug 2, 2022
	2	Jan 9, 2023	Mar 20, 2023	Nov 15, 2022
Offering Date for SURY0130 One Week Survey Field Field Training	3	April 10, 2023	April 14, 2023	Register by March 1, 2023

Program Overview:

- The Surveying trade is a highly qualified industry requiring personal dedication and perseverance. Attention to detail and mathematical calculations are an integral part of a successful career as a Surveyor.
 - Classes are offered online as a continuous asynchronous program, complemented by a one week Survey Field Training.
 - Students are advised to commit a daily routine to complete assignments on schedule, in order to improve your skill level to achieve a successful completion (pass). A qualified instructor will be available to assist all students with their assignments.

- It is very important to know:
 - Steady, consistent and full participation is the key to your success.
 - Coming to school prepared. Being prepared means that you are on time, have your homework completed, bring/ wear the proper safety attire in the field, and are ready to fully participate in the classroom and lab.
 - NLC program requirements have strict guidelines to ensure students are successful and safe in the program. All provincial health authority and NLC Relaunch guidelines in regards to COVID-19 shall be strictly followed.

Parents are encouraged to stay informed of their child's progress in the program via the student, high school representative and NLC's Instructor.

Program Details:

1. Students are expected to follow the schedule as laid out by the College while in the program, which will be provided to the student upon enrollment in each course.
2. Students that do not complete the Introduction to Surveying program in high school, can apply as an adult student to complete the remaining courses in the program.
3. Dual credit students that want to complete the entire program, should plan to cover all the material through Grades 11 and 12.
4. The table below lists the sequence of courses in the program:



Course Name
INMT0100 – Basic Math for Industry
SURY0110 – Survey Theory I
SURY0130 – Introduction to Technical Drawing and CAD
INSF0100 - Industrial Safety I
SURY0120 – Survey Field Training I ¹
1. This field training course is 5 days long

Students, along with parents, may request an orientation/information session prior to beginning the program. Please contact Ken M^cKen- Chair, Trades & Resource Technology to make your appointment. McKenK@northernlakescollege.ca

For more information about a career in the Survey Industry, check out the alis.alberta.ca website. You will find information on Surveying and other careers under the 'information on occupations' tab.