



Information about Dual Credit Introduction to Surveying From Northern Lakes College

Do you enjoy working outdoors and working with high-tech equipment? If so, 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. Your high school may cover some costs. Check with your school to determine if they cover any expenses.
3. Having the ITSC certificate before leaving high school increases your chances of employment in the Survey industry.
4. Find out if Surveying is a career 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.



Prerequisites:

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

Location:

The Introduction to Surveying Dual Credit Program is available through asynchronous online learning combined with a one-week practical Survey Field Training. Transportation to and from the field training is the responsibility of the student/parent.

What is Asynchronous Learning?

1. The theory portion of this course is offered asynchronously. This 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, and other sourced materials.
2. 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.
3. Qualified instructors are available throughout the program and typically offer support via telephone, email, and video-conferencing within scheduled office time where students can learn or discuss topics related to the program.

Dates Available:

	Term	Start Date	End Date	Application Deadline
Offering Dates for Theory Courses	1	Sept 16, 2024	Dec 6, 2024	Aug 15, 2024
	2	Feb 3, 2025	May 2, 2025	Dec 11, 2024
Offering Date for SURY0130 One Week Survey Field Training	3	May 5, 2025	May 9, 2025	March 1, 2024

Program Overview:

1. The Surveying trade is a highly qualified industry requiring personal dedication and perseverance. Attention to detail and mathematical calculations are integral to a successful career as a Surveyor.
 - Classes are offered online as a continuous asynchronous program, complemented by a one-week Survey Field Training.
2. It is very important to know:
 - Steady, consistent, and full participation are the keys to your success.
 - Students can take as many or as few courses as they want. Students who do not complete the Introduction to Surveying program in high school can apply as a regular student to complete the remaining courses.
 - Parents are encouraged to stay informed of their child's progress in the program via the student and 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. Students are also expected to adhere to the Student Roles and Responsibilities outlined in the Program Handbook., which will be provided to the student when starting the program.
2. Dual credit students who want to complete the entire program should plan to cover all the material through Grades 11 and 12.
3. Students and parents may request an orientation/information session before beginning the program. Please contact Tradesaccount@northernlakescollege.ca to make an appointment.
4. The table below lists the courses in the program:



Course Name	Additional Prerequisites
INMT0100 – Basic Math for Industry	N/A
INSF0100 - Industrial Safety I	N/A
SURY0110 – Survey Theory I	INMT0100
SURY0130 – Introduction to Technical Drawing and CAD	N/A
SURY0120 – Survey Field Training I	INSF0100

For more information about a career in the Survey Industry, check out the Alberta Learning Information System website (<https://alis.alberta.ca>)