



# SURVEYOR ASSISTANT

(8 WEEK PROGRAM)

## PROGRAM INFO:

This 8 week program prepares individuals for employment within diverse sectors, including energy, mining, forestry and civil planning sectors as a surveyor assistant.

## PROGRAM OVERVIEW:

This program provides the basic knowledge and skills required to assist surveying engineers in the performance of their duties.

### Topics include:

1. Introduction to Surveying
2. Math for Surveying – applications of algebra, geometry and trigonometry
3. Using and Caring for Instruments and Surveying Equipment (automatic levels, electronic theodolite, total stations, electronic data-collectors, and GPS receivers)
4. Conducting Field Measurements
5. Determine precise geographic locations using global position systems (GPS) equipment
6. Standard Field Procedures and Field Safety
7. Taking Concise and Accurate Notes
8. Identify Construction Survey Terms and Their Applications, Understand Batter Board Use in Construction Layout Projects; Set Grades
9. Identify Definitions and Terms Used in Measurement of Elevations, Theory of Leveling, Use of an Automatic Level for Differential, Profile and Cross-Section Leveling

## CREDENTIALS:

At the successful completion of the program, participants will receive a Confederation College "Recognition of Achievement"

## ADMISSION REQUIREMENTS:

All potential students must have a minimum of a Grade 10 education, must be 18 years of age or older and must fill out the appropriate application forms and assessments prior to training.

## COURSE INFORMATION:

This course will run daily Monday to Friday – 9:00 a.m. to 4:00 p.m. – for 8 weeks. Students will be provided with all personal protective equipment (PPE).

## EVALUATION:

Students will be evaluated at the end of each section. The instructor will provide an opportunity for improvement based on this feedback. Specific tests will be administered in WHMIS and First Aid. A customized handwritten test will be completed at the end of the program to determine if competencies are completed. A practical test will also be given in the field to determine if the student can apply these competencies. Students must meet attendance requirements.

**For More Information Contact:**  
[info@supercomindustries.com](mailto:info@supercomindustries.com)