



Sustainable Agriculture

(Optional Co-op)

The Sustainable Agriculture (Co-op) program equips learners with the knowledge needed to implement sustainable agricultural practices effectively. Learners examine crop and livestock production techniques that promote health and sustainability, while also assessing environmental impacts. They explore biological and ecological principles crucial for optimizing agricultural operations. Learners develop leadership and communication skills essential for managing client relationships and examine agribusiness strategies that improve farm management and profitability. They learn strategies to address challenges in farming operations, focusing on enhancing efficiency, sustainability, and profitability by continuous improvement.

Agriculture is the backbone of our food system and economy, and is evolving to balance productivity with environmental responsibility, creating a demand for professionals who can implement sustainable practices while improving efficiency and profitability. Whether it's specializing in crop and livestock production, agribusiness strategy, or environmental stewardship, this dynamic field offers diverse and meaningful career paths.

Our graduates find opportunities with farms or agricultural operations, applying their knowledge to improve efficiency, sustainability, and profitability. Additionally, graduates may assist in conducting field research and surveys to collect data and samples of water, soil, and plant and animal populations. Careers in soil and nutrition management, agricultural consulting, and pest and weed management are also in demand. Many graduates use their diploma as a foundation for further studies in agricultural science, agronomy, or environmental management.

AREAS OF STUDY

- Agricultural and environmental science
 - Agribusiness
 - Mathematics
 - Pest and weed control
 - Soil science
 - Biology
 - Tools and equipment
 - Safety
 - Precision agriculture
 - Crop and livestock production
- *courses are subject to change

START DATE:

September 2026

DURATION:

2 years

LOCATION:

Fredericton, NB (Blended delivery)

PREREQUISITES:

High School Diploma or Adult High School Diploma or GED Diploma of High School Equivalency or Canadian Adult Education Credential (CAEC) or Essential Skills Achievement Pathway: Post-Secondary Entry High School Diploma

TO APPLY OR FOR MORE INFORMATION:

