



MANITOBA CONSTRUCTION SECTOR COUNCIL

Drone Micro-Credential Course

The SkySkills micro-credential is a vital stepping stone towards basic drone certification in Canada, aimed toward diverse audiences including construction sector professionals looking to enhance their drone capabilities, industry leaders exploring drone applications, and drone enthusiasts venturing into the construction sector.

Our streamlined multi-step approach program takes participants on a comprehensive learning journey, from basic drone knowledge to advanced certification preparation.



Step 1:

Introduction to Drone Basics

- Onboarding with a direct focus on practical drone use cases.
- Prepare participants to pass the basic drone certification in Canada.
- Asynchronous blended learning with a facilitator, offering both online and in-person instruction.
- Course materials provided on iPads plus access to drones for hands-on practicum.

Step 2:

Practical Application

- Dive deeper into practical applications of drones across the construction industry while advancing certification preparation.
- Facilitate mentorships with industry firms, allowing students to gain real-world experience.
- Foster networking opportunities and introduce students to potential job openings or career advancements within the industry.

Step 3:

Advanced Drone Certification

- Accelerate students' knowledge and skills to prepare for advanced drone certification in Canada.
- Build on foundation established in the previous steps, with a focus on advanced drone use cases.
- Leverage mentorship relationships for career growth.
- Explore opportunities for employers to offset bottom-line needs, including cost savings and reduced liability.

Ready to soar to new heights?
Contact us at info@mbcsc.com
to learn more about the program.

www.mbcsc.com





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Advantages of Construction Site Management Leveraging UAS Technology

The SkySkills micro-credential course offers project managers exclusive resources to enhance their capabilities in serving worksite projects. Upon completion of the course, students will possess skillsets that far surpass basic UAS operator certification.

This program integrates advanced aviation principles with professional mentoring and construction-specific tasking scenarios, resulting in increased worksite efficiency.

In an era of rapid UAS technology evolution, this course equips project managers with tangible tools to enhance safety, resource management, task completion speed, accuracy, and ultimately achieve substantial cost savings.

Drone Use Effectively Solves Legacy Worksite Challenges

Safety: Real-time Monitoring, Automated Inspection and Evaluation

Personnel: Safety and Efficiency

Resources: Active Monitoring and Security Protection

Resources: Accountability and Utilization

Planning/Tasking: Real-time Survey, 3-D Modeling, Accurate and Timely Reporting

Planning and Timeline Control

Cost Savings: Early Problem Mitigation, Robust Data Reporting, Informed Decision-Making

Cost Metrics and Future Projects

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