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## Remotely Piloted Air Systems (RPAS) Training Ground School

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**FROM:** MARITIME COLLEGE OF FOREST TECHNOLOGY

**SUBJECT:** Tuesday, October 26<sup>th</sup> – Thursday, October 28<sup>th</sup>, 2021 course offering.

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The Maritime College of Forest Technology's Department of Continuing Education, in partnership with Canadian Unmanned Incorporated, is pleased to offer **Remotely Piloted Air Systems (RPAS) Training Ground School** with Sterling Cripps as your facilitator. This is a two-and-a-half-day course with registration beginning at 8:00 AM on Tuesday, October 26<sup>th</sup>, 2021.

With over 3000 students trained, this course is recognized as Canada's "First Choice" in small drone ground school training and is Transport Canada Compliant for civil and commercial RPAS operators.

Upon successful completion of this course, students will better understand RPAS operations concerning current rules and regulations. Also, you will be able to obtain an Industry Canada Restricted Operator Air Radio License (ROC-A).

If you have any questions or on this or any other course, please email [ce@mcft.ca](mailto:ce@mcft.ca).

Thank you,



*Todd MacPherson*  
*Supervisor of Continuing education*

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## REMOTELY PILOTED AIR SYSTEMS (RPAS) TRAINING GROUND SCHOOL

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**DATES:** This course runs from 8:00 AM to 4:30 PM on Tuesday, October 26<sup>th</sup> and Wednesday, October 27<sup>th</sup>, and 8:00 AM until noon on Thursday, October 28<sup>th</sup>.

**LOCATION:** Room 230 in Blenis Hall of the Maritime College of Forest Technology, located at the Hugh John Flemming Forestry Centre, 1350 Regent St, Fredericton, NB E3C 2G6.

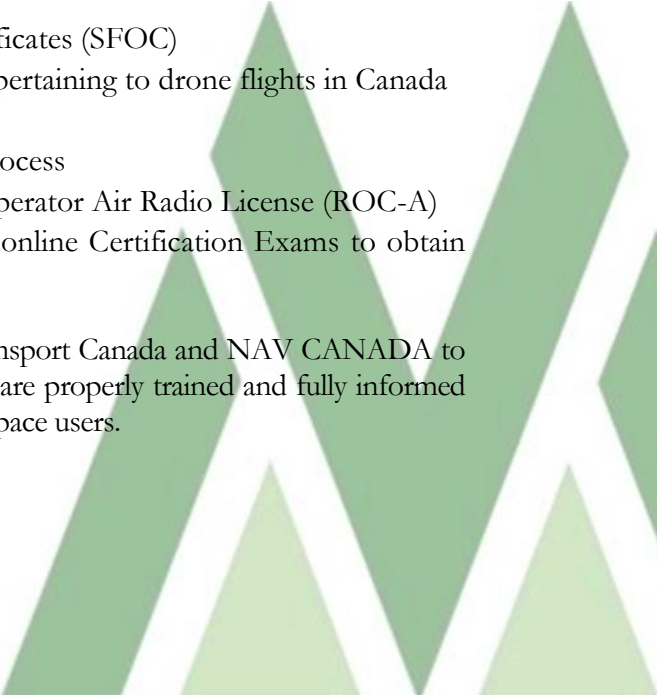
**CANDIDATES:** This program is designed for anyone who wants to learn about RPAS operation, regulations, and training.

**FORMAT:** MCFT has partnered with Canadian Unmanned Incorporated (CUI) to deliver this course. The course has been delivered across Canada and, with over 3000 students trained, is the go-to training program for RPAS professionals.

Topics to be discussed:

- Basic RPAS "101"
- Canadian Air Law and Regulations (CAR's)
- Aerodynamics
- Aviation charts and Canada flight supplement
- Aviation weather
- Meteorology
- Air navigation
- Human factors
- Special Flight Operating Certificates (SFOC)
- Current rules and regulations pertaining to drone flights in Canada
- Communications
- Knowledge and application process
- Industry Canada Restricted Operator Air Radio License (ROC-A)
- Preparation to write the new online Certification Exams to obtain your RPAS pilot's license.

CUI is committed to working with Transport Canada and NAV CANADA to ensure all commercial RPAS operators are properly trained and fully informed of their responsibilities as legitimate airspace users.



**FACILITATOR:**

Sterling Cripps, Founder and President of Canadian Unmanned Incorporated (CUI), and founding member of Canadian Centre for Unmanned Vehicle Systems (CCUVS) in 2007.

From 2007 to 2015, Sterling served as the Chief Operating Officer and Chief Instructor for the CCUVS RPAS / Drone ground school, which he created in 2008.

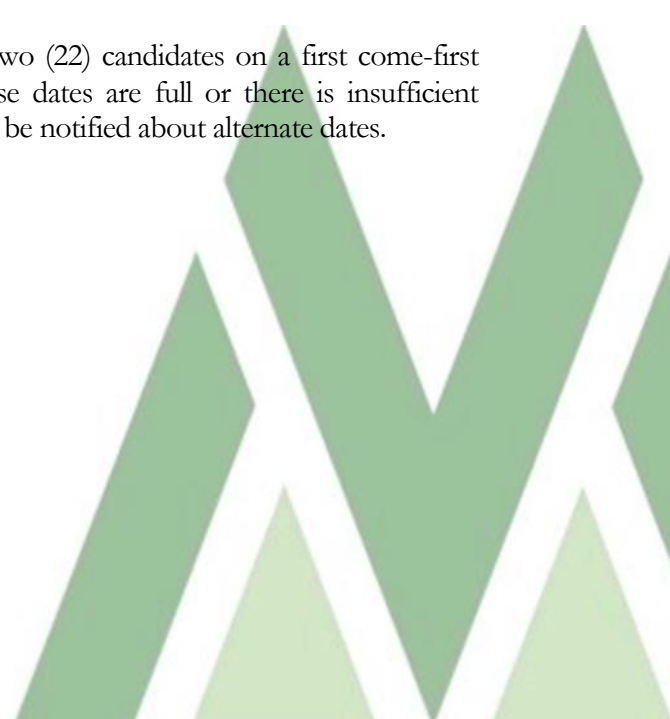
Sterling was responsible for creating over 700 nautical miles of Class F Restricted Airspace at Foremost, Alberta, designated exclusively with 'Beyond Line of Sight' RPAS / Drone operations. The six-and-a-half-year project was done in concert and cooperation from NAV CANADA and Transport Canada. In November 2014, it became published on Canadian air navigation charts.

Sterling has been involved with many aspects of the unmanned regulatory process, and some of his accreditations are as follows:

- Maintains a Commercial Group One Pilot License.
- Twenty years of military service as a Naval Clearance Diving Officer.
- Participated in several Transport Canada working groups and committees to develop the current state of RPAS regulations in Canada 2008 - 2014.
- Board Member of Unmanned Systems Canada 2014.
- Developed Canada's first commercial UAS training manual with aviation publishers out of Ottawa, Ontario 2009.
- Started Canada's first open commercial and civil unmanned ground school training course in 2009.
- Has successfully trained over 3000 students in RPAS ground school.
- Accredited Industry Canada radio operator license examiner.
- One of only a few consultants to provide examination questions to Transport Canada for the online examinations.

**ENROLMENT:**

Enrolment will be limited to twenty-two (22) candidates on a first come-first served basis. If your preferred course dates are full or there is insufficient enrolment to hold the session, you will be notified about alternate dates.



**ACCOMMODATIONS:**

MCFT has a room rental agreement with the Fredericton Inn & Convention Center. Please dial 1-800-561-8777 and use discount code '**MCFT**'. Costs for standard rooms are:

- \$109 per night single occupancy
- \$129 per night double occupancy

**MEALS:**

Included in the cost of your tuition are nutrition breaks and your lunch. We have a full-service cafeteria on site.

**TUITION:**

Total cost for this training is \$745.00 + HST.

**CANCELLATION POLICY:**

To keep costs and tuition prices as low as possible, we have implemented a strict cancellation policy. Please refer to the registration form for details.

***REMOTELY PILOTED AIR SYSTEMS TRAINING GROUND SCHOOL  
is equivalent to 16 Continuing Forestry Education Credits.***



