

UAV Ground School Course M3 Aerial Productions (www.m3aerial.com)

Saturday, February 18 and Sunday, February 19

8:30 a.m. – 6:30 p.m.

Room 346 Ellis Building

University of Manitoba

Cost (including GST): \$577.50

Students receive a 10% discount: \$519.75

Registration Deadline: 5 February 2017

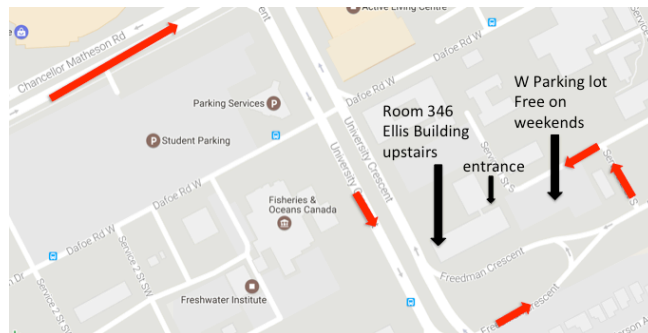
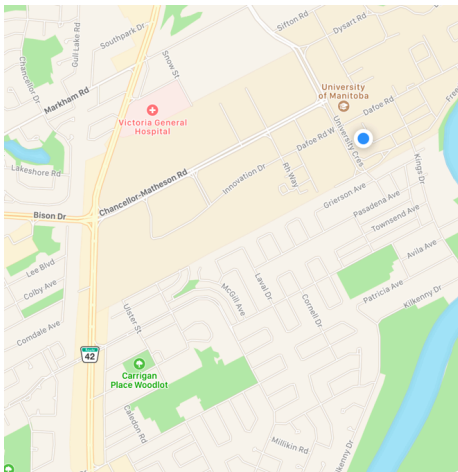
Anyone wishing to operate a UAV for commercial purposes is required to complete a commercial UAV operator course. They can then apply for an SFOC from Transport Canada to authorize operations.

This UAV Ground School provides more than just the basics. It is a comprehensive educational program for commercial UAV operators. M3 Aerial Productions is a registered educational provider with Transport Canada. Graduates will be officially CERTIFIED UAV PILOTS, and will possess the skills and knowledge required to operate a UAV for commercial purposes. In-class sessions are designed to help you through the SFOC application process, as well as familiarization with industry standards, insurance policies, check-lists, operation procedures (including filing NOTAMs and communicating with Air Traffic Control) and more.

For more information and to register see the information below:

Fill out the form and send it to Paul.Bullock@umanitoba.ca. If you are an undergraduate or graduate student please indicate this on the form. M3 Aerial will send you an invoice.

Ellis Building – University of Manitoba





M3 Aerial Productions
201 Aubrey Street
Winnipeg, Manitoba
R3G 2H9
(204)800-0220
1-866-814-4855

Unmanned Air Systems in Industry

UAV Operators Ground School Course

Registration Cost: \$550+tax / person

Registration Deadline: 5 Feb 2017

Course Information:

Who: M3 Aerial Productions is a recognized provider of UAV Operational training by Transport Canada. **Matthew Johnson** is the owner of M3 Aerial Productions, and primary course instructor. Matthew is a professional educator, UAV pilot, and a Captain in the Canadian Armed Forces Reserves.

What: Unmanned Air Systems in Industry consists of two phases:

Phase 1) **Online Study** (Est. 15-30 hours) – Course content in this section is provided in partnership with *Clarion Drone Academy*, and covers the mandatory Transport Canada document: Knowledge Requirements for Pilots of Unmanned Air Vehicle Systems – of UAV 25 kg or less, Operating within Visual Line of Sight (TP15263). This section **should be completed prior to the in-class portion**, but students can complete it afterwards if necessary. The learning outcomes from this section are as follows:

- Canadian Aviation Regulations (CARS)
- Flight and Aerodynamic Theory
- Aeronautical Safety
- Meteorology
- Aerodromes and Airports
- Operating and Flight Rules
- Maps and Charts
- Air Law
- Radio Theory
- Flight Operations
- Pre-flight Planning
- Pilot Navigation
- Dealing with Emergencies
- Weather Constraints
- Human Factors
- Student Discipline

Phase 2) **In-Class Instruction** – This section will focus on the following:

- Flight Simulations
- Practical Applications of UAVs
- Mission Planning
- Equipment Familiarization
- Operational Safety
- SFOC Application Process
- Insurance
- Radio Procedure
- Experiential Scenario Analyses

**** FINAL EXAMINATION (60% PASS)**

Where: Winnipeg, Manitoba.

Facility: TBA

When: In-Class Instruction Dates: 18-19 February 2017 Time: 0830-1830 (both days)

*There will be a 60 minute break for lunch. Assorted Subway sandwiches and refreshments will be provided.

Why: In order to fly a UAV commercially, a business must possess a valid SFOC, and have minimum liability insurance coverage. In order for Transport Canada to grant an SFOC, the applicant must have proof of completion of a UAV Operators Ground School (or similar) course, provided by a Transport Canada recognized authority, completed to a **minimum passing standard of 60%**. (this is why it is a good idea to complete the online portion prior to the In-Class session).

After completing this course, you will be provided with a Certificate of Completion from M3 Aerial Productions, acknowledging your understanding of TP15263 content to a minimum passing standard of 60%. *Please note that there will not be any hands on flying of any UAVs during the course.*

***** EXAM RETESTS CAN BE ARRANGED FOR AN ADDITIONAL \$60.00 *****



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Winnipeg: 18-19 Feb 2017 Course Registration

Please fill out all sections of this form for our records with Transport Canada. This form will be used to create your Course Completion Certificate.

First Name: _____

Last Name: _____

Date of Birth (dd/mm/yy): _____

Company Name (if applicable): _____

Home/Cell Phone: (____) _____

Company Phone: (____) _____

Email: _____

Address: _____

City/Municipality: _____

Province: _____

Registration Fee Payment: \$550.00 + GST = \$577.50 – Must be paid on/before 8 Feb 2017

Cash Cheque E-transfer (can be sent to m3aerial@gmail.com)

- You will be registered for the online study section as soon as payment is received, and your login/user info will be sent to the e-mail provided above. **Note you will need to reset password*
- You must complete the online section within 90 days of completing the **FINAL EXAM** in order to receive a Course Completion Certificate.
- M3 Aerial Productions is not responsible for lost/forgotten online account information (passwords/usernames) for online section, which must be coordinated directly with Clarion Drone Academy, sales@clariondrones.com

Please fill out the following short survey:

1. Do you have any experience operating RC (remote controlled) equipment?

No: Yes:

2. Do you currently own a UAV?

No: Yes: If Yes which platform?

3. Which industry/industries are you interested in operating UAVs in?
(select all that apply)

- | | | |
|--------------------------------------|--|--|
| <input type="checkbox"/> Real Estate | <input type="checkbox"/> Event Photography | <input type="checkbox"/> Mining |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Construction | <input type="checkbox"/> Surveying / GIS |
| <input type="checkbox"/> Energy | <input type="checkbox"/> General Photography | <input type="checkbox"/> Forestry |