



**BRANDON
UNIVERSITY**



ONLINE UAV GROUND SCHOOL

UAV PILOT TRAINING IN COMPLIANCE WITH TRANSPORT CANADA REGULATIONS



Fall Term, Sept 6 to Dec 2, 2017

This course is designed for new or experienced UAV operators who are now required to complete a UAV pilot ground school under Transport Canada (TC) regulations. The course:

- covers the mandatory TC learning outcomes described in *TP 15263: Knowledge Requirements for Pilots of Unmanned Air Vehicle Systems (UAV) 25 kg or Less, Operating within Visual Line of Sight*
- includes a comprehensive review of rules and regulations governing the operation of UAVs for commercial and research purposes
- everything a UAV operator should know prior to piloting an aircraft or applying for a Special Flight Operations Certificate (SFOC)

The course instructor is registered with TC as a UAV ground school instructor and is an experienced UAV pilot and trainer. Upon successful completion of the course you will receive a certificate of completion recognized by TC and will be eligible to transfer the course credit to your home institution.

Course Outline

Part 1: Self-Directed Online Study (30 hrs.)

- Canadian Aviation Regulations
- 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
- Pilot Discipline

Part 2: Class/Online Instruction (18 hrs.)

- Communicating with NAV CANADA
- Understanding Aeronautical Charts
- Mission Planning
- Airspace Recognition
- Essentials of Meteorology
- Regulations and Safety
- SFOC Application Process
- Insurance Requirements
- Radio Procedures
- Experiential Scenario Analyses

Course Fees: \$600, includes admission, tuition fee and textbook.

Registration Deadline, September 1, 2017

Space is limited, to register please contact:
Dr. Dion J. Wiseman at
wiseman@brandonu.ca

