

MCSC Sky Skills Course Delivery Schedule (Draft)

Modules 1, 2 and 3 will be delivered remotely via Zoom or similar platform. Course delivery is a combination of content delivery and self-study as described below.

- Module 1: 3 Blocks of Zoom Instruction
- Module 2: 1 Block of Zoom Instruction
- Module 3: 1 Block of Zoom Instruction

Zoom Session 1 (90 minutes): Module 1 *02/08/2024 zoom* Course introduction

- UAS landscape
- UAS pilot responsibilities (general)
- Canadian airspace, hierarchy and CARs
- Course resources/materials

Follow-up self-study (60 minutes): CAR Part IX

Zoom Session 2 (90 minutes): Module 1 *02/15/2024 zoom* CAR Part IX (in detail)

- Canadian AIM (relevant overview)

Follow-up self-study (60 minutes): CAR Part IX

Zoom Session 3 (90 minutes): Module 1 *02/21/2024 zoom*

- CAR Part IX (finish)
- Canadian AIM
- NavDrone

Follow-up self-study (30+ minutes): Quiz and NavDrone account

Zoom Session 4 (120 minutes): Module 2 *02/27/2024 zoom*

- SMS process
- SMS 4 pillars
- SMS application (mitigations)

Follow-up self-study (90 minutes + exercise): Case studies presentation

Zoom Session 5 (120 minutes): Module 3 *02/29/2024 zoom*

- UAS resources.
- UAS aircraft and sensors
- Checklist process

Follow-up self-study (90 minutes + exercise): Checklist development

Modules 4 and 5 to be delivered in person over two days, per the outline below.

Day 1: Classroom: Module 4 (8 hours) *03/04/2024 (all day) in person with Scott Ross*

- Notional scenarios (apply checklists)
- Aviation principles
- Guest speakers
- Preparation for Pilot Certificate – Basic Operations

Follow-up self-study (90 minutes + exercise): Basic UAS test

Day 2: Field experience: Module 5 (8 hours) *03/05/2024 (all day) in person with Scott Ross*

- Additional Pilot Certificate – Basic Operations test/retest preparation (if needed)
- Flight practicum
- Mentor/student networking
- Next step resources