# Canadian Space Agency Workshop:

## What was it?

It was an opportunity for up to 3 people from every team in the Canadian CubeSat Project (CCP) to fly down to the Canadian Space Agency (CSA) for a whole week. During this week members were able to; learn from experts at the Canadian Space Agency about how to build and design satellites as well as meet other members of the CCP project from universities across Canada.

## Who went?

Nicholas Mitchell (M.E.Sc. Candidate ECE)

Claire Lizotte (B.E.Sc. Candidate MSE)

Alexis Pascual (Ph.D. Candidate ECE)

## What Was learned?

* Thermal effects on electrical components
* Radiation effects on electrical components
* Vibration effects from launch on CubeSat and how to test for it
* Vibration effects on larger satellites and how to test for it
* Space rated soldering skills
* Lab Safety training
* How to draft test plans
* How to draft requirements that make sense to meet your mission goals!
* STEM outreach initiatives ideas
* How to design a groundstation and radio frequency communication network
* Systems engineering (how to view more than just your own subsystem)
* Radio Frequency licensing and coordination strategies

## What other Universities went?

Concordia, York, Mcmaster, Aurora College, Yukon, University of Alberta, Sherbrook university, Memorial University, University of Saskatchewan, Western/Nunavut arctic college, University of Manitoba, University of Victoria, Dalhousie, University of Prince Edwards Island

## Folders:

1. CCP Team Photos: Photos of all the universities together / of Half the members of the universities together (based on groups used to do certain activities)
2. Other Photos: Photos not containing Western members (but have cool photos anyway)
3. Photos with Western People: Photos with Nick, Alexis or Claire inside of them