

Intro to Aviation & Aerospace

ASD-N ICE Centre | Jody Coakley



PROGRAM OVERVIEW

The ASDN ICE Centre is a career education centre that offers students an opportunity to explore a possible career paths while developing hands on skills. All courses offered at the ICE Centre are in collaboration with NBCC Miramichi. We have several classrooms and The IDEA Room at the NBCC Miramichi campus. Students will earn credits from their respective High School while also earning possible NBCC credits in their respective field.

Our objective is to provide students with the opportunity to explore a possible career path and develop a plan for their future.

Students entering any course at the ASDN ICE Centre will be treated as NBCC students. They will experience Post-Secondary Education and gain a better understanding of the independence that is required in life after high school.

COURSE DESCRIPTION

The **Intro to Aviation & Aerospace** course is designed to offer students the opportunity to explore the theory, skills and careers involved in the aviation and aerospace industries. The course is structured as 50% aviation and flight theory combined with 50% hands on experiential learning. Students will also spend time developing the skills to fly both airplanes and drones and understanding the various licensing requirements and career opportunities as a drone operator.

Students will develop their flying skills through virtual simulator training and coaching from a licensed Commercial Pilot. With a focus on experiential learning our goal is to offer all students the opportunity to experience flight time in a real airplane through a partnership with The Miramichi Airport, NB Aviation Museum and the Canadian Owners and Pilots Association.

This course will take place at The Miramichi Airport in the NB Aviation Museum Hangar.

ASSESSMENT

For this course you will earn 2.0 credits.

1.0 Credit - Intro to Aviation and 1.0 Credit in Cooperative Education.

Assessment for Intro to Aviation

| | |
|---------------------|------|
| Aviation History | 25 % |
| Aviation Academics | 25 % |
| Flight Training | 25 % |
| Careers in Aviation | 25 % |

Assessment for Cooperative Education

| | |
|---|-----|
| Career Exploration | 30% |
| Work Search & Preparation | 20% |
| Workplace Safety, Rights and Responsibilities | 10% |
| Workplace & Career Training | 40% |