



CREDENTIAL

Ontario College
Advanced Diploma

PROGRAM CODE

Fall: 0313

AREA OF INTEREST

Aviation

LOCATION

Thunder Bay

DURATION

2.5 -year

Overview

Turn your passion for flight into a dynamic aviation career.

Confederation College's Aviation Flight Management program has been a leader in aviation education for over 50 years, preparing future pilots for success across the aviation industry. Students begin flight training in their first semester, gaining hands-on experience from day one. By graduation, they have earned both a Commercial Pilot Licence (CPL) and an Ontario College Advanced Diploma, credentials that open the door to a wide range of professional pilot careers.

Flight training takes place at the college's Aviation Centre of Excellence (ACE), a state-of-the-art facility located at Thunder Bay International Airport. Students fly in real-world conditions across northwestern Ontario, learning to navigate diverse landscapes and weather systems that strengthen their skills and readiness for industry.

The program also goes beyond flying skills. It emphasizes the importance of business and operational awareness, helping students understand how pilots contribute to the success of aviation organizations. This well-rounded approach equips graduates with the practical skills, industry insight, and professionalism needed to thrive in today's competitive aviation environment.



Top Highlights

- You're flying in the first semester
- Learn and work in our dedicated Aviation Centre of Excellence (ACE) building, located at the Thunder Bay International Airport
- 13 Cessna 172S aircraft
- 3 Type-Certified Frasca 172S flight simulators
- Industry-focused instruction prepares you for real-world careers



Employment Opportunities

Our graduates have excellent success finding employment across Canada in a wide range of aviation operations, including regional and major airlines, charter and medevac services, cargo carriers, aerial survey and firefighting, flight schools, and the Canadian Armed Forces. They are well prepared for their first job and bring with them the confidence, professionalism, and practical skills needed to succeed and to advance their careers.



Stephane Therrien
Program Coordinator

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Aviation - Flight Management

Admission Requirements

- Ontario Secondary School Diploma (or equivalent) with courses from the College (C), University (U), University/College (U/C), or Open (O) preparation levels with Grade 12 English (C/U) Level.
- or successful completion of the Mature Student Assessment.
- or successful completion of the General Education Development Test (GED).
- or appropriate credits from the Academic and Career Entrance program (ACE).
- A valid Transport Canada Category 1 Medical Certificate is required before classes begin. Please note that it can take 40 business days (or longer for incomplete or complex applications) to process a new medical, and we strongly suggest that you have your medical completed before applying to this program. Check the Transport Canada website at www.tc.canada.ca for an approved examiner in your area.

Additional Required Courses

- Grade 11 Mathematics (M or U) or Grade 12 Mathematics (C or U), or equivalent, or ACE Core Math (UM602)
- Any one of the following Mathematics courses is acceptable: MCR3U, MCF3M, MCT4C, MAP4C, MDM4U, MHF4U or MCV4U

Courses Recommended

- Physics Grade 11 or 12 (Strongly Recommended)

Alternative Pathways

Confederation College offers two supported pathways into the Aviation Flight Management program. Each year, two seats are reserved for qualified graduates of the Aviation Technician – Aircraft Maintenance program. This provides a strong technical foundation before transitioning into flight training.

If you do not possess the required courses or want to improve your grades, we recommend that you consider our Pre-Technology-Technology/Aviation program, which will provide the necessary preparation to enter a technology program.

Articulation Agreements

Confederation College has agreements in place that permit credits earned throughout this program to be transferred to programs at other colleges and universities.

Visit: confederationcollege.ca/articulation-agreements for more information.

First Semester

AF 102 Flight Training for PPL
AF 103 Preparatory Ground Instruction
AF 111 Ground School for Private Pilot Licence
AF 115 Aircraft Systems and Operations
CS 050 College Writing
GE General Elective
MA 136 Math and Physics for Aviation

Second Semester

AF 200 Advanced Ground School
AF 203 Preparatory Ground Instruction II
AF 204 Applied Aviation Technology
AF 205 Pilot Decisions & Human Factors
AF 220 Winter Survival
AF 222 Flight Training for Private Pilot Licence (PPL)
AF 278 Health and Wellness for Aviation
GE General Elective

Third Semester

AF 316 Navigation and Cross Country Flying
AF 350 Airmanship
OL 848 Indigenous Identity in Relation to Land

Fourth Semester

CS 221 Professional Communications for Aviation
AF 408 Safety Management Systems (SMS) and Threat and Error Management (TEM)
AF 411 Ground School for Commercial Pilot Licence
AF 412 Engines and Systems
AF 413 Preparatory Ground Instruction III
AF 414 IFR Ground School
AF 416 Flight Training for CPL
AF 504 Air Carrier Operations

Fifth Semester

AF 505 The Business of Aviation
AF 506 Flight Training for CPL
AF 507 Crew Resource Management
AF 514 Advanced Commercial Ground School
AF 530 Advanced Aeronautics
AF 540 Instructional Techniques/Effective Leadership
AF 578 Health and Wellness for Aviation II



Have questions? Want to apply?
Contact recruitment@confederationcollege.ca

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This is **LEARNING**

