Georgian

AVIATION MANAGEMENT

Program: AVIA
Credential: Ontario College Advanced Diploma, Co-op
Delivery: Full-time
Work Integrated Learning: 3 Co-op Work Terms
Length: 6 Semesters, plus 3 work terms
Duration: 3 Years
Effective: Fall 2018
Location: Barrie

Description

This program is designed to give students knowledge and hands-on experience in Aviation and Management as well as provide co-operative work experience in the Aviation industry. A variety of aviation courses provide students with a solid understanding of the aviation industry in Canada and around the world. Students are given the opportunity to pass the examination to receive their Restricted Aeronautical Radio Operation License. Management courses are designed to give students an understanding of management practices and procedures in order to be prepared for future promotional opportunities.

Career Opportunities

Graduates of the program obtain employment in general aviation and aviation operations positions where they may use their knowledge and skills to progress to more advanced positions. Graduates are employed in a wide variety of aviation fields such as Airline Management, Airport Management, Airport Planning, Flight Dispatch and Government Aviation agencies. In addition, the program provides graduates with a better chance of success in furthering their training with the Department of National Defense or to become Air Traffic Controllers, Commercial/Airline Pilots, and Flight Service Specialists.

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. collaborate as a team member or team leader;
2. practice strong interpersonal, communications and time management skills;
3. synthesize, problem solve and use critical thinking skills to solve a variety of problems;
4. apply integrity and initiative to meet professional challenges;
5. utilize entrepreneur skills to foster positive social change in the community;
6. promulgate the attitudes, values and ethics of good citizenship in the community and the workplace;
7. employ general management skills in relation to the Aviation industry;
8. utilize the ethical, environmental and safety issues within the Aviation industry;
9. interpret aviation fundamentals, operations, and terminology;
10. access and apply current computer technology and use technical equipment specific to the Aviation industry.

Practical Experience

Co-operative Education is a mandatory component of all Co-op programs at Georgian College; it has been designed as a process by which students integrate their academic education with work experience related to their programs of study. This integration affects much more than simply earning a salary, including the adjustment to the work environment and the development of professionalism. It also reinforces skills and theory learned during academic semesters, develops professional contacts, job knowledge and career path, improves human relations and communication skills, and promotes personal maturity and financial independence.

Students are requested to register, attend and participate in their scheduled co-operative education classes. These classes are scheduled for all first year students and are expected to be completed in order for students to proceed successfully to their first co-op work experiences. To ensure students are eligible to proceed onto any co-op work experience, students should refer to Promotional Status and Eligibility for Co-op as outlined in the College Calendar. Co-op policies and procedures can be located on our website: www.georgiancollege.ca/student-services/co-op-and-career-services/students-tab/ (http://www.georgiancollege.ca/student-services/co-op-and-career-services/students-tab)

Georgian College follows the Co-operative Education guidelines set out by the Canadian Association for Co-operative Education (CAFCE) and Education at Work Ontario (EWO) by supporting the learning outcomes designed for the program specific graduate profile and curriculum as set out by the Ministry of Advanced Education and Skills Development.

The Program Progression
Fall Intake

- **Sem 1:** Fall 2018
- **Sem 2:** Winter 2019
- **Work Term 1:** Summer 2019
- **Sem 3:** Fall 2019
- **Work Term 2:** Winter 2020
- **Sem 4:** Summer 2020
- **Work Term 3:** Fall 2020
- **Sem 5:** Winter 2021
- **Sem 6:** Summer 2021

Articulation

A number of articulation agreements have been negotiated with universities and other institutions across Canada, North America and internationally. These agreements are assessed, revised and updated on a regular basis. Please contact the program co-ordinator for specific details if you are interested in pursuing such an option. Additional information can be found on our website at http://www.georgiancollege.ca/admissions/credit-transfer/

Admission Requirements

OSSD or equivalent with

- Grade 12 English (C or U)
- any Grade 11[1] or 12 Mathematics (C, M, or U)

[1] Minimum of 60% in Grade 11 College or University level Mathematics (MBF3C or MCF3M)

Mature students, non-secondary school applicants (19 years or older), and home school applicants may also be considered for admission. Eligibility may be met by applicants who have taken equivalent courses, upgrading, completed their GED, and equivalency testing. For complete details refer to: www.georgiancollege.ca/admissions/policies-procedures/ (http://www.georgiancollege.ca/admissions/policies-procedures)

Applicants who have taken courses from a recognized and accredited post-secondary institution and/or have relevant life/learning experience may also be considered for admission; refer to the Credit Transfer Centre website for details: www.georgiancollege.ca/admissions/credit-transfer/ (http://www.georgiancollege.ca/admissions/credit-transfer)

Additional Information

International and landed immigrant applicants to the Aviation Management Program should be aware that the ability to obtain a valid Transport Canada security clearance may be a condition of employment (Co-op or Graduate) with some international airports and airlines in Canada.

Students who have resided or worked outside of Canada within the last five years may have difficulty meeting Transport Canada's information standards. Fortunately, the majority of Co-op positions in Canada do not require students to obtain valid Transport Canada security clearance.

The foregoing is for your information only. Students should follow up with any prospective employer to determine their own candidacy.

Other Program Information

Past and concurrent flight training will be recognized and course exemptions will be considered based on previous education and work experience. Georgian College has made special arrangements with a local flight training facility for FLIGHTLAB at a reduced rate. These costs are over and above student tuition fees.

College scheduled Field Trips are a mandatory component of the Aviation Management program and must be attended by the student.

Graduation Requirements

29 Program Courses
2 Communications Courses
3 Program Option Courses
4 General Education Courses
3 Co-op Work Terms

Graduation Eligibility

To graduate from this program, the passing weighted average for promotion through each semester, from year to year, and to graduate is 60%. Additionally, a student must attain a minimum of 50% or a letter grade of P (Pass) or S (Satisfactory) in each course in each semester unless otherwise stated on the course outline.

Program Tracking

Semester 1

		Hours
Program Courses		
AVIA 1000	Aviation Orientation	42
AVIA 1001	Aviation Operations	42
AVIA 1005	Flight Lab	10
COMP 2022	Computer Applications - Spreadsheets	42
GOVT 1001	Government and Aviation	42
MKTG 1000	Introduction to Marketing	42
Communications Course		
Select 1 course from the communications list during registration.		42
	Hours	262
Semester 2		
Program Courses		
AVIA 1003	Airport Management	42
AVIA 3004	Human Factors in Aviation Safety	42
AVIA 3007	Airline Management	42
LAWS 2000	Business Law	42
Communications Course		
Select 1 course from the communications list during registration.		42
General Education Course		
Select 1 course from the general education list during registration.		42
	Hours	252
Semester 3		
Program Courses		
ACCT 1000	Financial Accounting Principles 1	42
AVIA 2000	Aircraft Characteristics	42
AVIA 3000	Air Cargo, Customs and Logistics	42
COMM 1021	Dynamic Presentations	42
MATH 1008	Introduction to Business and Technical Math	42
General Education Course		
Select 1 course from the general education list during registration.		42
	Hours	252
Semester 4		
Program Courses		
AVIA 2006	Introduction to Aerodynamics	42
COMP 1062	Database and Office Management	42
ECON 1000	Microeconomics	42
METE 3000	Meteorology	42
General Education Course		
Select 1 course from the general education list during registration.		42
Program Option Course		
Select 1 course from Option list during registration.		42
	Hours	252
Semester 5		
Program Courses		
AVIA 2002	Navigation and Navigation Aids	42
AVIA 3005	International Aviation and Management	42
AVIA 3010	Safety and Emergency Management	42
BUSI 3001	Supervision	42
MGMT 2012	Introduction to Project Management	42
Program Option Course		
Select 1 course from the available list during registration.		42
	Hours	252
Semester 6		
Program Courses		
AVIA 2001	Advanced Flight Lab	10
AVIA 3001	Airport Planning	42
AVIA 3009	Security Management Systems for Aviation (SeMS)	42
ECON 2000	Macroeconomics	42
STAT 2000	Statistics 1	42
General Education Course		
Select 1 course from the general education list during registration.		42
Program Option Course		

Select 1 course from the available list during registration.		42
	Hours	262
	Total Hours	1532

Co-op Work Terms		Hours
COOP 1011	Aviation Work Term 1 (occurs after Semester 2)	560
COOP 2010	Aviation Work Term 2 (occurs after Semester 3)	560
COOP 3007	Aviation Work Term 3 (occurs after Semester 4)	560
	Hours	1680
	Total Hours	1680

Code	Title
Program options may include:	
AVIA 2003	Area/Airspace 1
AVIA 2004	Airport Control Services
AVIA 3003	Aviation Safety/Accident Prevention
AVIA 3006	Air Accident Investigation
BUSI 2024	International Experience
ENTR 1002	Introduction to Entrepreneurship
FNCE 2000	Business Finance
FNCE 2001	Managerial Finance
HURM 1000	Human Resources Management Foundations
MATH 2005	Algebra
MGMT 2001	Principles of Management
MKTG 1001	Planning the Marketing Strategy

Information contained in College documents respecting programs is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs. The college reserves the right to add or delete programs, options, courses, timetables or campus locations subject to sufficient enrolment, and the availability of courses.