

WHY AMP AT ALGOMA U SCHOOL OF BUSINESS & ECONOMICS (SCHOOLBE)?

In September 2021, the Algoma University School of Business and Economics launched the Aviation Management Professional Program (AMP). The AMP program is designed to meet the growing demand in the aviation industry for both flight and non-flight students.

This four-year BBA program with a 10 course (30 credit) Aviation Management Specialization, provides pilots (current and future) and those interested in working in the non-flight component of the aviation industry, an opportunity to acquire the skills and abilities they need to enter the job market. Currently, the flight option is only accessible to students enrolled in the Brampton campus. However, students on all three campuses can complete the Aviation Management Specialization.

The AMP program provides students with both flight (Brampton) and non-flight options, with current courses relevant to the needs of the aviation industry. The students will have contact with, and access to, subject matter experts who have relevant experience and networking opportunities that will enhance their careers. The external certification opportunities in the specialization are transferable to the workforce.

AMP graduates will receive a Bachelor of Business Administration Degree with an Aviation Management Specialization. Students can also complete more than one specialization while taking the BBA! The AMP program allows students to specialize in Aviation Management with the option for another minor in Accounting, Human Resources, Marketing, and Economics. The aviation industry is soaring with growing demand and there are many career opportunities available for both the flight option and the non-flight option!

COURSE HIGHLIGHTS

Want to be a pilot?

There is a current and future demand for pilots in Canada and around the world. The AMP program provides the perfect path to achieving your dream to fly! Projections indicate that Canada will face a pilot shortage shortly. It is estimated that by 2025, Canada will need 15,000 new pilots and the shortage will cause some regional carriers to cancel flights. Canada is estimated to face a shortage of 3,000 pilots and 55,000 workers overall in the aviation industry by 2025.

With more and more pilots retiring, industry growth, and barriers to recruiting new workers, the aviation industry is projected to face a pilot shortage after COVID 19. To meet the demand of the growing air travel industry, Canada should be producing an extra 300 pilots a year.

Don't want to be a pilot? No Problem!

The aviation industry provides multiple other career bold options! Since Aviation is an international discipline, students equipped with these courses can work directly in other fields such as Passenger Airlines, Safety Management Specialists, and Crew Resource Management amongst others.

The industry needs to hire 55,000 new workers by 2025 to keep pace with projected growth and replacement demand (retirements and others leaving the workforce). Having the specialization will enable students to progress into management jobs in their chosen discipline.

LEARNING OUTCOMES

1. An understanding of the importance and relevance of Quality Assurance (QA) to the aviation industry in terms of management control, audit management, and record-keeping
2. Explain and analyze the functioning of the aeronautical navigation system including ground-based, space-based, and are navigation technologies
3. Understand and illustrate components of the airspace, airport, and Air Traffic Control (ATC) systems
4. Cover the basic economies of Supply, Air Transport Markets, Capacity Management, Computer Reservation Systems (CRS), and Scheduling
5. Illustrate the practical aspects of aviation safety management as it relates to Transport Canada SMS regulations
6. To provide an essential foundation for further advanced specialized learning in the fields of aviation management, public policy development, and aviation operations.
7. Understand Remotely Piloted Aircraft Systems (RPAS) Air Law and Regulations and use RPAS as a technological tool in different types of industry
8. Documentation related to freight and shipping: Bill of Lading, Airwaybill, Commercial Invoice, Customs Entry, Certificate of Origin, and Payment Guarantees (Letters of Credit).
9. Identify the characteristics of the Common Law Legal System and the Civil Law Legal system and how they apply to aviation law adjudication.
10. Describe and explain the Legal Regime for the Prosecution of Unlawful Interference/Hijacking.



WHY STUDY AT ALGOMA U IN SAULT STE. MARIE?

Algoma U is located in Sault Ste. Marie, a city of 75,000 people in Northern Ontario. "The Soo", as locals call it, has all the amenities of a big city – shopping, entertainment, sports teams, festivals, and cultural activities – but without the hassle of traffic.

WHY STUDY AT ALGOMA U IN BRAMPTON?

(FLIGHT OPTION AVAILABLE)

Enjoy urban living and study in the heart of downtown Brampton. Brampton, a lively city in the Greater Toronto Area that is home to over 600,000 residents, is the 9th largest city in Canada. Not only that but it is close to Toronto Pearson International Airport, a potential job hub for AMP graduates!

With the GO and Via stations only step away from campus, students can take the bus or train to class and easily connect to the GTA.

ADMISSION REQUIREMENTS

International Students

[International Admissions](#) are unique to International Curriculums. Requirements based on secondary school credentials.

[English Language Requirements](#) must be met for admission. The IELTS requirement for the AMP is an overall score of 6.0 [including 6.0 in each band of reading, writing, listening, and speaking].

Domestic Admissions

A minimum average of 70% is required with Six Grade 12 U and/or M courses including

- English (ENG4U) (minimum final grade of 60% is required)
- Grade 12 Advanced functions (MHF4U) or Calculus and Vectors (MCV4U) course (minimum final grade of 60% is required)

Admission requirements are as follows:

Transferability

Students can also apply after finishing post-secondary schooling! Students applying as transfer students must have achieved a minimum overall average of 70% from post-secondary studies from an accredited diploma/degree-granting institution. For more information email us!

GAIN. EXPERIENCE.

External Certification Opportunities to meet In-demand skills

The Aviation Management Specialization is designed so that when students complete the specialization they will have the option (they would have the opportunity to write the applicable exams from the accrediting bodies) to graduate with the following certifications:

- Aviation Safety Management – Certification obtained from the International Air Transport Association (IATA)
- Aviation Quality Assurance (AQA) – AQA Certification obtained from the International Air Transport Association (IATA)
- Commercial Drone Operations – Drone Certification obtained from the International Air Transport Association (IATA)
- Air Traffic Control and Dispatch Operations – Dispatcher Certification obtained from a Transport Canada recognized provider

- Crew Resource Management – CRM Certification obtained from a Transport Canada recognized provider

The culture of a commercial aviation employer requires certification to satisfy government and international requirements. Having these certifications and courses enhances employability for our graduates.

AMP PROGRAM | FLIGHT TRAINING OPTION

Interested in being a Pilot?

Students in the AMP Program will have the option to take flight training with our partner in Brampton.

SKILLS EMPLOYERS ARE SEEKING

The top skills Aviation organizations would like to see in their employees include:

1. Leadership
2. Communication
3. Collaboration
4. Time Management
5. Understanding the impact of technology
6. Consistent global training
7. Attention to detail

USING THIS EXPERIENCE MAP

Making a plan in the first year will lead to your success. We're ready to assist you with your plan.

This Experience Map offers suggestions, which is a guide to explore many options. Understanding where you want to be will help you make the correct decisions to get you there.

We're also here to help you with your physical and mental well-being. We want you to succeed in all aspects of your life. For further assistance, visit Student Success Central, in NW307.



1st Year

2nd Year

2rd Year or final year

4th Year or final year



ADMN 1016*, 1126* | ECON1106*/1007*
ADMN1206*/1207* | ADMN1306*
Electives
9 credits (any group)
*Minimum grade of 60% required.
Consider taking: ADMN2926 or ADMN2906
Meet with your Academic Advisor to select courses for aviation program specialization for your second year.

Make an appointment with your Faculty Advisor in early February to develop your academic plan. *This is highly recommended for transfer students.
Questions about rules and regulations in your program? See your Academic Advisor in Student Success Central.
Want to enhance your degree? Consider a [minor or certificate](#).

Continue to meet with your Faculty Advisor to ensure you are meeting program requirements and academic goals.

Complete degree requirements and ensure you've met all deadlines for postgraduate options.
[Apply to graduate.](#)

AFTER GRAD?

After completing an AMP degree students are open to an array of career paths and opportunities. Our students can pursue master's programs and choose exciting careers by becoming or in:

- Pilots
- Passenger Airlines
- Corporate Airlines
- Cargo Airlines
- Safety Management Specialist (required for every airline)
- Quality assurance Specialist (required for every airline)
- Drone Operator (future of drone delivery, drone pilots and automated drone industry)
- Crew Resource Management(course required for every airline in the world)
- Logistics and Supply Chain



Take COOP0101 as a first step to be enrolled in the co-op program at Algoma University. Check your [Student Portal](#) for job postings.
Visit the [Experiential Learning Hub](#) to learn about exciting opportunities! Start connecting to career opportunities in your first year by joining the [Career Link Program](#).
Courses with EL component.

Use the skills gained from COOP0101 to apply for a co-op placement or summer job.
Continue to keep an eye out for job opportunities on your [Student Portal](#).
Listings include general employment, local/non-local co-op opportunities, on-campus employment, and volunteer opportunities.
[Courses with EL components.](#)

Take part in the NOBCC as part of the Business Strategies II class. Take advantage of the New Graduate Transition Program!
[Courses with EL component.](#)
Consider doing a full year co-op placement to gain some valuable experience.

Complete a thesis and present it to fellow classmates, faculty and other AU community members!
Take advantage of the New Graduate Transition Program!
Courses with EL component: ENGL4006, 4086, 4506, 4556, 4596
English EL course list.



Get involved with volunteer opportunities on campus with the [Food Bank](#), the [Thunder Street Team](#) or apply to be an [Orientation Week Leader](#).
Consider joining one of the many clubs through AUSU, especially the Algoma University Business Society (AUBS).
Get involved with SASA.

Volunteer off-campus. Reach out to local organizations.
Think about running for a position with the [AlgomaUniversity Students' Union](#) or applying for an Executive position on AUBS.

Updating your [LinkedIn](#) profile and connecting virtually with alumni, classmates, faculty, and professionals in the Aviation field.
Networking is the most important technique to get jobs in today's society, over 75% of jobs come from networking.

Think about joining professional associations, such as [Air Force Association](#), [Air Transport Association](#), [Air Traffic Control Association](#) (ATCA).
Join groups on LinkedIn that reflects specific careers or topics of interest in Aviation.



Attend a [Study Abroad](#) info session and consider studying in the UK, Spain, South Korea, Italy, France, Austria, and more! See which places appeal to YOU.
Speak to the [Mobility Coordinator](#) from the EL Hub to gather information on the various global engagement opportunities.

Are you interested in doing an exchange, short-term abroad, and internship abroad program in your second or third year? Check out [Study Abroad](#) opportunities and submit your [application](#) by the deadline.
Your next adventure is waiting!

Get involved with other cultures on campus or improving your language skills by taking some of our Modern Language courses or interacting with international students on campus!
Consider [Summer Study Abroad](#) or [Internship](#) opportunities. Gain experience, knowledge and have the opportunity to tour a new country while studying and working!

If you are an international student looking to stay in Canada to work, talk to a [Student Success Academic Advisor](#) for guidance.



Check out [Career Cruising](#) (login: algomauc password: saultstmarie) to determine potential career paths that you can pursue in the future.
Attend career-related workshops in the [Experiential Learning Hub](#).
Visit [Career Services](#) in the [Experiential Learning HUB](#) for assistance.

[LinkedIn Learning](#), available through your [Student Portal](#) offers you thousands of excellent courses that will help you learn the skills you need to achieve your full potential. Once you complete a learning path it will automatically be displayed as an accomplishment on your [LinkedIn](#) profile.
Use Optimal Resume to improve your resume and cover letter as well as practice your interview skills.

Start focusing on areas of interest and research education requirements for your career path.
Reach out to your [Academic Advisor](#), [Student Success Central](#) or your faculty advisor to assist you in applying for a Master's Degree, and other educational opportunities.
Take some time to create or update your resume and [LinkedIn](#) profile.

Use the resources available in [Career Services](#) to learn about the many job opportunities available to you upon graduation. Attend career-related events hosted by the [Experiential Learning Hub](#).
Watch for the many workshops available to all students on resume writing, job searching strategies, and networking.



Always remember to put your health first! Hit the GLC for some calming Yoga or an intense workout or take walks around campus to clear your mind.
If you're feeling depressed, anxious or upset don't worry YOU ARE NOT ALONE. – Download the [I.M. Well App](#) or call 1-877-234-5327 for 24/7 free counselling or book an appointment with an on-campus counsellor by emailing healthservices@algomau.ca.
We're here for you. Visit the Learning Centre for information on free tutoring and learning strategies.