

Ontario College Advanced Diploma (3 years - 7 Semesters ) (4061)

705.759.6700 : 1.800.461.2260 : [www.saultcollege.ca](http://www.saultcollege.ca) : Sault Ste. Marie, ON, Canada



## PROGRAM OVERVIEW

Considered one of the best flight schools in Canada, Sault College's Aviation Technology - Flight program will prepare you for an exhilarating career as a professional pilot with positions available around the globe. Graduates of the program who meet qualification criteria established by Transport Canada, will have successfully completed the requirements for the Integrated Commercial Pilot License Aeroplane, including the multi-engine instrument rating (CPL(A)IR). This licence meets all the requirements for you to be a commercial pilot. Individuals with previous flight training start with a modified flight training program in the beginning; however, all students will be at the same level by second year. Students gain hands-on training with our impressive fleet of aircraft, including ten Zlin and two Seminole Piper planes complemented by new state-of-the-art flight simulators, that will provide you with a realistic experience that closely replicates flying in one of our College's airplanes. Each aircraft includes advanced radio navigation systems and real-time aircraft tracking systems.

Please note, this program is not open to international students at this time, for more information please contact us at: [international@saultcollege.ca](mailto:international@saultcollege.ca).

## ADMISSIONS

### MINIMUM ACADEMIC REQUIREMENTS

Ontario Secondary School diploma with Grade 12 English (C) ENG4C and Grade 12 Mathematics for College Technology (C) MCT4C or University MATH - MHF4U or MCV4U. Only students who successfully complete all courses in the first semester will be admitted to the second semester (which includes the commencement of flight training). Students who do not successfully complete all courses in the first semester and/or Flight Training I (AFT 120) in the second semester of study, will be withdrawn from the program and invited to re-apply for the next intake of this program. Students who are re-admitted will be required to maintain a full-time course load and re-take all Transport Canada approved ground school courses, in addition to any previously failed courses. Students who hold, or have held, a Commercial Pilot Licence, Aeroplane are not eligible for acceptance into the Sault College Aviation program. Students who hold a Private Pilot Licence will participate in a modified flight program in Semesters 2 and 3 as compared to those who do not have any flying experience.

Please contact the Registrar's Office for the criteria used to rank applicants should the program be oversubscribed.

### ACADEMIC RECOMMENDATIONS

Applicants are strongly encouraged to acquire several hours of flight training at a recognized flying school - preferably to the solo level - before commencing the program. This is to ensure that the experience of flying in light aircraft is agreeable to the applicant. English, physics and technical mathematics, including Calculus, at the university (U) level are strongly recommended; however, (U) University Level and (C) College Level courses are treated equally for ranking purposes.

## CAREER PATHS

The employment picture for pilots, as with any other occupation, can and does change from time to time depending on the supply and demand. Graduates may look ahead to careers as flight instructors, charter pilots, corporate pilots, and have the ultimate goal of flying for a major airline. Students studying in Sault College's Aviation Technology?Flight Advanced Diploma program may receive advanced standing from Algoma University, subject to entrance requirements, towards a Bachelor of Business Administration program. For more information on this opportunity please contact Algoma University.

## MANDATORY FEES

Domestic		International	
Tuition	Ancillary	Tuition	Ancillary
\$8,523.30	\$1,660.00	N/A	N/A

These fees are for the 2019-2020 academic year (year 1 of study) and are subject to change. Please visit your Student Portal to view your Schedule of Fees.

## MEDICAL REQUIREMENTS

Final acceptance into the program is contingent upon satisfactory medical records filed with the College. This includes a photocopy of a **Transport Canada Category I medical certificate** and a photocopy of a **Canadian birth certificate** or a **Citizenship document** showing date of birth. The Category 1 medical may be obtained from any Canadian Aviation Medical Examiner. A list of doctors is available on Transport Canada's web site. Note: Upon arrival to the College, the originals of these documents must be produced in order to facilitate licencing. For students who currently hold a Canadian Pilot Licence or Permit, a copy of the Licence/Permit must be submitted. Students must renew their Category I medical certificate prior to writing the Transport Canada Commercial Written exam in Semester 5. Due to the Canadian Air Regulations (CARs) and the College's aircraft manufacturer's specifications, all pilots are required to adhere to weight and balance restrictions. These weight restrictions are accessible in the manufacturer's pilot operating handbook, copies of which are readily accessible at both the College and College airport hangar locations.

**Proof of English Language Proficiency** - Only those applicants who have **not studied** in an English speaking secondary school for a minimum of 3 years are **required** to successfully complete the Transport Canada Aviation Language Proficiency Test (English). This test is administered by some flying clubs or flight schools. Final acceptance into the program is contingent on successful completion of the above requirement for the above mentioned applicants.

## DRESS CODE

Professional Pilots are well groomed and properly dressed. Since students at Sault College are working towards becoming Professional Pilots, they should also be well groomed and properly dressed. Dress code will be observed at the college up to 1700hrs during week days and at all times at the Hangar. Activities, such as tests after 1700hrs or weekend non-flying activities, will be at the discretion of the professor. The following dress code guidelines will be observed:

### Hair

- Facial hair other than for religious reasons shall be neatly trimmed and maintained (to reflect professionalism).
- Hair is to be clean and groomed at all times.
- While flying, hair shall be neatly pulled back so as not to obstruct vision including peripheral vision.
- Hairstyle must be such that it does not draw undue attention. Radical hairstyles or colouring are not allowed.

#### **Attire Mandatory for all post May 2016 graduates**

- The Colleges aviation uniform (available via the colleges bookstore) shall be worn. It consists of a white pilot shirt embroidered with the Sault College Aviation logo, dark blue dress pants and a matching blue tie. During winter operations, a matching dark blue sweater also embroidered with the college logo can be worn overtop the pilot shirt and tie. The shirt must be tucked in at all times. For summer flight operations see section 6.1.3 Summer Operations. Casual or dress socks shall be worn. No athletic socks. No running shoes are allowed. Leather shoes are preferable for classroom work and hiking boots are a good choice when flying. During the winter months, proper boots either need to be worn or be on board the aircraft. High heels are a hazard to the operation of the rudder pedals and not allowed in the aircraft. Wrist jewellery that can catch on switches or controls not allowed. Ball caps are only to be worn in the aircraft for the purpose of shading eyes from the sun. They shall be worn straight and are not to be worn indoors at the College or at the Hangar.

#### **Other**

- Personal hygiene shall be a priority. Students will spend a large amount of time in close proximity to other students and their instructors. Excessive use of cologne, perfume, body spray, and aftershaves is as offensive or distracting as poor hygiene. Make up is to be conservative. Fingernails shall not be unreasonably long. Earrings shall be limited to one per ear and must be small enough to not interfere with an aviation headset. (Studs vs. hoops would be preferable.)

#### **Winter Operations**

Pilots must dress for survival for every flight, even local flights, winter and summer. If an aircraft was to make a forced landing in winter, the pilot and passengers must be prepared to, at the very minimum, spend the night in the woods. The chances of survival, even in the fall and spring, will be greatly diminished if proper clothing is not worn. For winter flying, the following is a minimum list:

- A winter parka, or at the very minimum a good quality ski jacket with at least one additional layer of a wool or fleece sweater. The heavy coat is not usually worn while flying, but must be present in the aircraft. Winter underwear or in its absence, ski pants on board the aircraft. Proper winter boots either worn or on board the aircraft. A proper winter hat such as a wool cap, and good quality gloves or mittens

#### **Summer Operations**

- At the discretion of the duty pilot, ties may be removed during very hot days. College issued aviation polo shirts may be worn in lieu of shirt and tie during the summer semester. (May 1st until September 1st).

This Dress and appearance code complies with the Human Rights Standards of Canada.

## **OTHER INFORMATION**

For More Information Contact:

John Portas: [John.Portas@saultcollege.ca](mailto:John.Portas@saultcollege.ca) at ext: 2518.

## **PROGRAM OF STUDY**

### **SEMESTER 1**

AVF111-2 Meteorology I & II  
AVF115-2 Airframes, Engines and Zlin Systems  
AVF117-2 Flight Theory and Operations  
AVT119-2 Human Factors in Aviation  
CMM115-3 Communications I  
MTH612-4 Mathematics  
PHY125-4 Physics  
GEN100-3 Global Citizenship

### **SEMESTER 2**

AFT120-2 Flight Training I  
AVF122-2 Navigation I & II  
AVT123-1 Air Law I  
ELR104-3 Electrical Fundamentals  
MCH298-4 Applied Mechanics  
MTH613-4 Technical Mathematics  
REC106-3 Fitness and Lifestyle Management

### **SEMESTER 3**

AFT130-15 Flight Training II

### **SEMESTER 4**

AFT240-9 Flight Training III  
AVF241-2 Meteorology III  
AVF242-2 Navigation III  
AVF245-2 Airframes and Engines II  
AVT248-2 Human Factors in Flight  
ELN224-3 Digital Electronics and Avionics  
MCH111-4 Applied Mechanics  
MTH626-4 Calculus

### **SEMESTER 5**

AFT250-9 Flight Training IV  
AVT252-1 Navigation IV  
AVT253-1 Air Law III  
AVT257-1 General Knowledge for Aviation  
AVT259-1 Instrument Procedures  
CMM210-3 Technical Communication  
MCH221-4 Hydraulics Systems  
MTH654-4 Technical Mathematics

### **SEMESTER 6**

AFT360-9 Flight Training V  
AVT361-3 Meteorology IV  
AVT363-2 Advanced Flight Systems  
AVT364-3 Aerodynamics  
AVT366-2 Aircraft Systems Preparation for Flight  
AVT369-3 Navigation and Instrument Procedures  
CMM400-3 Advanced Communication for Aviation

### **SEMESTER 7**

AFT370-9 Flight Training VI  
AVT370-2 Instructional Techniques  
AVT375-4 Airframes, Engines and Maintenance Requirements  
AVT377-2 Flight Operations  
AVT378-3 Safety and Human Factors

**Select one of the following:**

*GAS101: Rituals, Idols and Controversies in Sports*  
*GAS103: What in the World is Going On?*  
*GAS109: Music and Pop Culture*  
*GAS116: Your Two Cents*  
*GAS120: Canada Eh!*  
*GAS125: Food and Wine Pairings*  
*GEN110: Student Selected General Education*  
*HDG122: Personal and Academic Success Strategies*  
*SSC102: Introduction to Aboriginal Peoples of Canada*

**Note:**

\*Students must choose one of the identified Student Selected General Education courses.

## Course Descriptions

### Semester 1

#### **Meteorology I & II (AVF111) (2 credits)**

This course prepares pilots-in-training for writing the meteorology section of the Transport Canada Private Pilot written exam as well as enabling them to interpret weather reports and forecasts in preparation for flight. To provide a solid foundation for making good weather decisions, meteorology theory is covered in detail. This course also provides the foundation for meteorology in second and third year of the Aviation Program.

#### **Airframes, Engines and Zlin Systems (AVF115) (2 credits)**

A study of the topics necessary to determine that an aircraft is ready for flight, including an overview of airframes and engines and a study of the systems and performance for the aircraft used for flight training, documents and airworthiness, dispatch procedures, record keeping, weight and balance, servicing and elementary maintenance).

#### **Flight Theory and Operations (AVF117) (2 credits)**

An introductory course in aircraft performance. The course introduces the student to basic aerodynamic principles and their underlying theories and how theory translates into practical applications with the use of performance charts for estimating cruise, range, endurance, take off and landing performance. Other performance areas include power and thrust, load and stress analysis, design characteristics of various airplane categories and the need to design economically efficient air transportation.

The course also introduces cockpit instrumentation and the pilots need to understand and interpret airplane performance during normal and abnormal maneuvers and an appreciation of the operating

limitations of traditional instrumentation.

### **Human Factors in Aviation (AVT119) (2 credits)**

Students enrolled in the aviation technology (flight) program will participate in 3 human factor courses. This, the first course, provides an introduction to human factors with a focus on basic flight physiology. You will learn why human factors are so important and the role they will play in your career. The topics covered include: basic human anatomy, hearing, vision, altitude physiology, the atmosphere, sleep and circadian rhythms, stress, situational awareness and orientation, acceleration and motion sickness.

### **Communications I (CMM115) (3 credits)**

This course is designed to help students develop the skills necessary to communicate effectively in their programs and at the college level. Students will think critically to capture the meaning messages and respond appropriately; produce coherent, clear paragraphs; and purposefully research and responsibly integrate credible sources into their own writing. Emphasis is placed on the writing process, from planning to revising, while providing opportunities to explore various modes of communication.

### **Mathematics (MTH612) (4 credits)**

Students will develop skills needed to solve problems in technical mathematics. Topics include a detailed review of algebra followed by a study of quadratic equations, exponential and logarithmic functions and trigonometric functions.

### **Physics (PHY125) (4 credits)**

Topics included are properties of fluids, forces, and pressure involved in hydrostatics and hydraulics, wave motion and propagation, properties and intensity levels of sounds.

### **Global Citizenship (GEN100) (3 credits)**

The world we are living in is one in which local, national and international issues are interwoven, and the need for us to understand the impact these issues can have on our lives has never been greater! Using a socio-cultural, political and environmental lens, students will view how the world is changing and how to become active agents of change from the local to international level. Important issues such as social injustice, poverty, environmental protection, resource scarcity, sustainability, and health will be addressed. Global citizenship is an opportunity to 'Be the Change'. This course meets the Civic Life and Social and Cultural Understanding General Education themes.

## **Semester 2**

### **Flight Training I (AFT120) (2 credits)**

This course is the introduction to flight training. For students with or without a private pilot licence, training will involve the first solo stage of flight training. Additionally, students will write the Sault College Private Qualification Exam in order to qualify for writing the Transport Canada Written Exam (PPAER).

### **Navigation I & II (AVF122) (2 credits)**

This course starts with the basic elements involved in Dead Reckoning Navigation. These elements are then combined to enable pilots-in-training to pass the navigation section of the Transport Canada Private Pilot written exam and to learn the techniques that pilots use for navigating in flight. This knowledge is also the basis for the Transport Canada Commercial Written exam in second year, and is also preparatory ground instruction for the Private Pilot Licence.

### **Air Law I (AVT123) (1 credits)**

This course provides the base understanding of the regulatory agencies and their role in overseeing all aspects of flying. Topics include basic rules of flight manoeuvring, airspace classification, airport operations, medical and licensing requirements, and various safety related issues, such as oxygen requirements and marginal weather conditions.

**Electrical Fundamentals (ELR104) (3 credits)**

Fundamental principles of direct and alternating current theory, are studied including Ohm's Law, series and parallel circuits, power, electrical instruments, inductance and capacitance, magnetic fields, reactance and impedance.

**Applied Mechanics (MCH298) (4 credits)**

This course entails a thorough study of statics, providing fundamental skill for further development in mechanical studies. Topics include: force vectors, components, resultants, moments, couples, equilibrium in force systems, trusses and frames, centroids, friction laws, impending motion, centroids and centers of gravity

**Technical Mathematics (MTH613) (4 credits)**

The course includes topics in Plane Analytic Geometry, introduction to Calculus including derivatives and integration of algebraic functions; applications of integration.

**Fitness and Lifestyle Management (REC106) (3 credits)**

This course deals with the pursuit of wellness with a focus on physical fitness. Topics include: positive lifestyle choices, self-management and behaviour change techniques, exercise prescription, fitness training methods and body fat management. Students are introduced to a variety of fitness activities known to maximize health benefits while providing lifelong appeal.

**Semester 3****Flight Training II (AFT130) (15 credits)**

This course carries on from the flying done in AFT120 up to the Private Pilot Flight Test for Abinitio students, or a final flight test for those with Private Pilot licences. After this stage, a series of cross-country flights will be done.

**Semester 4****Flight Training III (AFT240) (9 credits)**

This course involves flight training in preparation for the VFR Navigation Progress Test and is part of the time building required for the Commercial Flight Test. A major component of this semester is basic instrument flight and radio navigation. The Night Endorsement is also completed in this semester.

**Meteorology III (AVF241) (2 credits)**

This course reviews the theory and meteorological services for pilots learned in first year meteorology, and explore more advanced theory in preparation for writing the Transport Canada Commercial Written Exam (CPAER).

**Navigation III (AVF242) (2 credits)**

This course provides the preparatory ground instruction for radio navigation using VOR, ADF and GPS navigation aids. This is in preparation for the skills required for the Transportation Canada Commercial Flight Test.

**Airframes and Engines II (AVF245) (2 credits)**

A study of engines and airframes including the internal combustion engine and the basic gas turbine engine, fuels and fuel systems, lubrication and oil, ignition systems, engine instruments, propellers, airframes, and electrical systems at the Commercial Pilot Level.

**Human Factors in Flight (AVT248) (2 credits)**

This is the second of three human factors courses you take in the aviation program. You will learn how psychological and physiological factors play an important role in flight safety. Some of the topics included are pilot decision-making, human error, communications and attitudes in aviation.

**Digital Electronics and Avionics (ELN224) (3 credits)**

This course is a study of modern digital devices and circuits. The student will study Digital Numbering Systems, Boolean algebra, common Digital Integrated circuits, as well as other pulse shaping/generating circuits. Emphasis will be placed on the analysis and troubleshooting of these devices and circuits. Rounding out the course is an application component covering the flight instruments and electronic circuits, which produce transmit and condition analog and digital signals.

**Applied Mechanics (MCH111) (4 credits)**

This course advances the study of mechanics into the area of dynamics. Topics include: KINEMATICS (uniformly accelerated motion, projectile motion, circular motion; Newton's Second Law rectilinear and angular motion), inertia, dynamic equilibrium (work, energy forms, power, efficiency), impulse and momentum (linear and angular), dynamic friction.

**Calculus (MTH626) (4 credits)**

This course is a continuation of MTH613 and provides the student with a more advanced study of calculus. Topics of study include differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions with an emphasis on applications.

**Semester 5****Flight Training IV (AFT250) (9 credits)**

This course involves the improving of skills and building of flight time in preparation for the Transport Canada Commercial Flight Test. Also part of this course is writing the Sault College Qualification Exam in order to qualify for writing the Transport Canada Commercial Written exam (CPAER).

**Navigation IV (AVT252) (1 credits)**

This course explores the remainder of the radio navigation aids not covered in AVT242 and puts to practice radio navigation as well as dead reckoning skills in preparation for writing the Transport Canada Commercial Written Exam (CPEAR).

**Air Law III (AVT253) (1 credits)**

This course reviews all of the general regulations plus those sections of the Canadian Air Regulations specific to Air Taxi operations. The course is designed to familiarize the students with regulations governing ground operations, personnel qualifications, and aircraft equipment requirements and training programs for Air Taxi Operations.

**General Knowledge for Aviation (AVT257) (1 credits)**

This course expands on the general knowledge of theory, aerodynamics, engines, airframes and instruments with a quantitative analysis and greater depth. Other topics relate to formulae and performance charts dealing with weight and balance, cruise performance, multi-engine operations, unusual attitudes, recognition of system failures and emergency procedures.

**Instrument Procedures (AVT259) (1 credits)**

This course covers the rules and procedures for all aspects of flight in instrument meteorological conditions. Topics covered are general flight Rules, departure, Enroute, arrival and holding procedures. An emphasis is placed on sourcing all course material from official government publications such as the AIP and CARs.

**Technical Communication (CMM210) (3 credits)**

This course provides training in technical communication. Emphasis is given to memos, letters, forms, and reports. Oral reporting and its importance on the job are also included. The effective use of computers to research and generate technical documents is an essential component of this course. The theory of writing is taught through the writing process.

**Hydraulics Systems (MCH221) (4 credits)**

Areas to be studied are as follows: basic theory of hydraulics, theory and assembly of pumps, pressure control valves, directional valves, flow control valves, circuits, and troubleshooting simple systems related to aircraft.

**Technical Mathematics (MTH654) (4 credits)**

This course is a continuation of MTH626 and provides the student with a more advanced study of calculus. Topics of study include methods of integration, first and second order differential equations and series expansions.

**Semester 6**

**Flight Training V (AFT360) (9 credits)**

This course involves the Group 3 IFR training (single engine), culminating with the IFR Progress flight check. Additionally the Multi-Engine Class Rating training and flight test is completed.

**Meteorology IV (AVT361) (3 credits)**

This course reviews meteorology theory already learned, and explores the methods of using meteorological services available to pilots to prepare for an IFR flight. More advanced theory is also introduced. This course is in preparation for writing the Transport Canada Instrument Rating Exam (INRAT).

**Advanced Flight Systems (AVT363) (2 credits)**

Part 1 of this course covers the description and operation of a Flight Management System. The integration of the Flight Management System (FMS) with aircraft systems and the benefits for the air carrier and pilots will be studied. Part 2 of this course will cover the description and benefits of the Electronic Flight Information system of the Canadair Regional Jet.

**Aerodynamics (AVT364) (3 credits)**

This course expands on the basic concepts of lift/drag, stability, performance and high-speed flight, thrust and power performance. The emphasis is on applying a more mathematical treatment to quantify the analysis of aerodynamics. The course combines science and a practical operational approach that is understandable from the standpoint of a pilot.

**Aircraft Systems Preparation for Flight (AVT366) (2 credits)**

A study of electrical hydraulic, fuel, oil, oxygen, and fire fighting systems in the aircraft used for multi-engine training as well as in a modern, turbine, pressurized transport aircraft.

**Navigation and Instrument Procedures (AVT369) (3 credits)**

This course provides for you to incorporate the knowledge acquired from AVT259 into practical navigation exercises required for IFR flight. Included will be the review of basic instrument flying, instrumentation, navigation systems and physiological factors.

**Advanced Communication for Aviation (CMM400) (3 credits)**

This course provides advanced training for aviation students in the organization and presentation of information, using a teamwork approach. Emphasis will be placed on recognizing audience needs, using persuasive techniques, practicing interpersonal skills, and enhancing presentation skills. A major component of the course will consist of career exploration, preparation of a resume and cover letter, and interview skills.

**Semester 7**

**Flight Training VI (AFT370) (9 credits)**

The main emphasis in this semester of flight training is the Group I IFR rating (Multi-engine), culminating with the Transport Canada Group I IFR flight test.

**Instructional Techniques (AVT370) (2 credits)**

A study of the principles of leaning and techniques of instruction and a review of theory of flight and general aviation knowledge, leading to the Transport Canada Flight Instructor Endorsement Examination. In addition, students will participate in classroom exercises to gain experience in giving preparatory instruction and pre/post flight briefings.

**Airframes, Engines and Maintenance Requirements (AVT375) (4 credits)**

A study of airframes and engines including the internal combustion engine and the basic gas turbine engine, fuels and fuel systems, lubrication and oil, ignition systems, engine instruments, propellers, airframes. Also study of aircraft maintenance requirements to the level required of a Person Responsible for Maintenance (PRM) for an Air Operator.

**Flight Operations (AVT377) (2 credits)**

AVT377 has two components to it. First you will complete navigation and instrument procedures (AVT369), which includes passing the INRAT. Second you will learn aspects of flight operations, which will help prepare you for the knowledge portion of your ATPL and your career as a professional pilot.

**Safety and Human Factors (AVT378) (3 credits)**

This is the third human factors course. You will continue to develop the skills required for a safe and successful mission. Some of the topics covered are judgment and decision-making, error analyses using Reason's model, safety management program and two crew operations.

**Rituals, Idols and Controversies in Sports (GAS101) (3 credits)**

This course gives students the opportunity to examine the many rituals, idols, and controversies surrounding the world of sports. Students will debate, discuss, and present a variety of popular topics in sports such as athlete salaries, performance-enhancing drugs and athlete product endorsement. This course will explore the impact these issues have on social and cultural aspects of human behaviour.

**What in the World is Going On? (GAS103) (3 credits)**

This course will give you the opportunity to build a strong awareness of current global issues. You will explore various media such as radio, TV, Internet, newspaper, and magazines. Through discussions, debates, and presentations, students will focus on the main international headlines. Students will discover and develop a view of and understanding of the impact of events related to music, entertainment, fashion, sports, politics, economics, world issues, and human-interest stories.

**Music and Pop Culture (GAS109) (3 credits)**

This course will give students the opportunity to think creatively and critically about the influence of popular music. Students will explore different music genres (rock, metal, hip hop, and rap), their development and social significance. Students may explore music in film, commercials, war and protest, social and civil rights movements, and the contributions of specific artists to contemporary culture. The ways in which popular music has contributed to the current culture and, in turn, how culture has shaped popular music will be examined.

**Your Two Cents (GAS116) (3 credits)**

No matter one's lifestyle, income, or background, each person has experienced and developed practices to how we relate to money. This course explores our relationship and personal understanding with money, and its place and value in our culture and individual lives.

**Canada Eh! (GAS120) (3 credits)**

What does it mean to be Canadian? This course will examine the people of Canada and aspects of life, such as food, music, television, art, language, etc. By examining our diversity, we will come to understand that there is more than one Canadian identity.

**Food and Wine Pairings (GAS125) (3 credits)**

Become a wine enthusiast and decipher the many complexities revealed in wine by developing the ability to pair food and wine in today's culinary world. Whether planning to entertain in the comfort of one's home, preparing for a business dinner meeting or developing food and wine menus for restaurants or special events, understanding how to pair food and wine is invaluable and a life skill. This course will explore the significance of food and drink by examining fundamental concepts of wine history, tradition and culture. Students will learn about terroir, wine terminology, production, storage, selection and how wine is properly served.

**Student Selected General Education (GEN110) (3 credits)**

For Transfer Credit Purposes only.

**Personal and Academic Success Strategies (HDG122) (3 credits)**

This course will prepare you for the rigors of academic life and enable you to develop a personal profile for college and career success. The main focus of this course will include accepting personal responsibility, discovering self-motivation, mastering self-management, employing interdependence, gaining self-awareness, adopting lifelong learning, and developing emotional intelligence. In addition, you will develop and produce a `Personal Profile` that will identify your personal learning style, communication style, and personality style to enable you to achieve success in learning about, understanding, and choosing the courses and careers that will lead to personal and professional satisfaction.

**Introduction to Aboriginal Peoples of Canada (SSC102) (3 credits)**

This course will provide participants with an introduction to the history and cultural survival of Canada's Aboriginal people. Aboriginal worldview will be identified and discussed in both historical and modern perspectives. Students will review colonization, government policies and legislation, which provide a foundation for understanding modern Aboriginal life in Canada.