Course Outline

Our Vision: Rooted in our communities, we will be a globally recognized college delivering innovative learning opportunities and preparing career-ready graduates to be leaders in their fields.

Mission: We are dedicated to student success, academic excellence, and leadership in our communities.

Land Acknowledgement: St. Lawrence College is situated on the traditional lands of the Haudenosaunee and Anishinaabe People. May we always be grateful to live and learn on these lands.

One Health

Course Information

Course Code: GENE 1006

Program(s):

Credit Weight: 3

Total Course Hours: 42

Hours by Instructional Environment: Class: 3   Lab: Field: Other:

Pre-requisite(s): none

Co-Requisite(s): none

Course Equivalencies:

PLAR: N/A

Experiential Learning: N/A

Sustainability Development: N/A

Campus Dean/Associate Dean Signature of Approval: _____

Effective Date: Fall 2023

Course Description

The concept of One Health is the recognition of the interrelationship and interdependence of human, animal, and environmental health. In this course, the historical awareness of the One Health concept, using specific examples from indigenous communities worldwide, will be explored and how these occurrences may guide future emerging health situations will be examined. This course offers the opportunity to gain insights into various One Health topics while developing an awareness of global trends and practices.

Course Learning Outcomes

At the conclusion of this course, you will be able to:

Ontario Qualifications Framework Category	Course Learning Outcomes
Depth and Breadth of Knowledge	1. Examine the concept of One Health and the intersection between One Health and the various disciplines that collaborate in problem solving One Health issues. 2. Identify One Health issues and their impact on the planet.
Knowledge of Methodologies	3. Analyze information about the impact of One Health challenges for a variety of populations.
Application of Knowledge	4. Apply strategies and processes to One Health problems to limit a negative impact on human, animal, and environmental health.
Communication Skills	5. Communicate strategies to other stakeholders in order to prevent and solve issues that have a negative impact on human, animal, and environmental health.
Awareness of the Limits of Knowledge	6. Examine areas that require further exploration that focus on different social structures and cultures, and the challenges these may present for the human, animal, and environmental health.
Professional Capacity/Autonomy	7. Set goals for personal and/or professional development concerning One Health initiatives that enhance global citizenship.

Relationship to Vocational /Program Specific Learning Outcomes

This General Education course has been designed to strengthen skills such as critical analysis, problem-solving, and communication, in the context of an exploration of topics with broad-based personal and/or societal importance. In keeping with the Ministry standards, this General Education course has been developed to address one or more of the following five themes. The themes explored in this course include:

1. Arts in Society

2. Civic Life

3. Social and Cultural Understanding X

4. Personal Understanding X

5. Science and Technology X

Essential Employability Skills

It is expected that all 11 of the Essential Employability Skills will be addressed during your during certificate, diploma, and advanced diploma programs. This course contributes to your learning by providing assessed feedback on the following identified (X) essential employability skills.

Type/Category	#	EES Description	Assessed
Communication	1	Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.	X
	2	Respond to written, spoken, or visual messages in a manner that ensures effective communication.	X
Numeracy	3	Execute mathematical operations accurately.	
Critical Thinking and Problem Solving	4	Apply a systematic approach to solve problems.	
	5	Use a variety of thinking skills to anticipate and solve problems.	
Information Management	6	Locate, select, organize, and document information using appropriate technology and information systems.	
	7	Analyze, evaluate, and apply relevant information from a variety of sources.	
Interpersonal	8	Show respect for the diverse opinions, values, belief systems, and contributions to others.	X
	9	Interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals.	X
Personal	10	Manage the use of time and other resources to complete projects.	
	11	Take responsibility for one's own actions, decisions, and consequences.	

Table 2: Any EES that is associated with this course must also be assessed.

Course Learning Modules

The course will feature the following modules:

Module Title	Module Topic(s)	CLO*	Learning Experiences	Resources
Introduction to One Health	-definition and principles of One Health as a concept and approach -interdisciplinary and collaborative nature of One Health and its relevance to global health	1, 2, 3, 5, 6, 7	-instructor led presentations, group discussions and case scenario presentations	
Animal Health	-animal health and habitat -zoonotic diseases -veterinary medicine and its role in One Health	1, 2, 3, 5	-instructor led presentations, group discussions and case scenario presentations	
Human Health	-social determinants of human health -zoonotic diseases -human impact on animal and environmental health	1, 2, 3, 5	-instructor led presentations, group discussions and case scenario presentations	
Environmental Health	-ecosystems and their importance and effect on global health -climate change -environmental sustainability and its role in One Health	1, 2, 3, 5	-instructor led presentations, group discussions and case scenario presentations	
Case Studies in One Health	-case studies of animal diseases, human diseases, zoonoses, ecosystem health in the context of a One Health approach to prevent and control	1, 2, 3, 5, 6, 7	-instructor led presentations, group discussions and case scenario presentations	
Cross Cultural Awareness in One Health	-importance of community engagement in One Health -cultural inequality and challenges to One Health concepts in differing communities and cultures	4, 6, 7	-intercultural competence workshop, group discussions -experiential learning in GSO component	

CLO: Course Learning Outcome

Assessment Plan

Students will demonstrate learning in the following diverse ways:

Assessment Type	CLO*	VLO/PLO**	Description (e.g. format) as applicable
Quiz(zes)	1, 2, 4, 6		
One Health Case Studies	1, 2, 3, 4, 5, 6		Discussion/presentation
Intercultural Awareness Journal	6, 7		
Engagement Activities and Self Reflection Discussions	1, 2, 3, 4, 5, 6, 7		

*CLO: Course Learning Outcome; **VLO/PLO: Vocational Learning Outcome / Program Learning Outcome – refer to previous sections for more details.*

College Policies and Procedures

It is important for students to familiarize themselves with the [Academic Policy Manual](1)[1]. This manual contains information on College Policies and Procedures relating to the following:

- Rights and Responsibilities of Students
- Student Academic Appeal Procedure
- Grading/Assessment Description
- Progression Policy
- Program Specific Continuance and Readmission Policy
- Prior Learning and Assessment Recognition (PLAR)
- Attendance and Participation
- Acceptable Use Policy for Computing

Academic Accommodations

St. Lawrence College is committed to creating a welcoming, barrier-free, inclusive learning environment, promoting integration and full participation. This commitment to Universal Design for Learning applies to all instructional settings (e.g., classroom, laboratory, online, placement, etc.), as well as to attitudinal beliefs. It is the policy of SLC to accommodate students with disabilities, ensuring equitable access to and benefits from educational opportunities, in accordance with the Ontario Human Rights Code.

The accommodation process is a shared responsibility. Students with disabilities seeking accommodations are asked to self-identify with [Student Wellness & Accessibility](2)[2] as early as possible to ensure timely development and implementation of appropriate accommodations.

Under provincial legislation, students are not required to provide diagnosis information, but rather, may be asked to provide information from a regulated health professional regarding functional limitations and accommodation needs, in order to provide appropriate supports. To maintain student privacy, this information is provided directly to Student Wellness & Accessibility. Once accommodation needs are determined, a member of the Student Wellness & Accessibility team will distribute an Accommodation Letter on your behalf electronically to all Professors identified within your academic schedule.

Amended: March 2023

Use of Electronic Devices

The use of electronic devices used for communications and data storage during classes is at the discretion of the course professor. The professor identifies his/her policy on this under the Special Notes about this course section.

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[1]https://www.stlawrencecollege.ca/about/college-reports-and-policies/academic-policies/
[2] https://www.stlawrencecollege.ca/campuses-and-services/services-and-facilities/student-wellness-and-accessibility/

Email Account

All full-time students are provided with a St. Lawrence College email account. This is the only account that will be used by the college or your professors to communicate course or program information or college events. It is the responsibility of each learner to become familiar with and use the college email system.

Grading System

The grading scheme is applicable to all graded courses at St. Lawrence College. All final grade submissions will be numeric representing a percentage score between 0 and 100 and will be converted to letter grades automatically by the student records system, as noted in the [Academic Policy Manual](#)[3].

Maintaining Records

Learners are responsible for retaining the course outline and the current Academic Policy Manual for their records. It may be required for future use of applications for transfer credit to other programs or educational institutions.

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[3] https://www.stlawrencecollege.ca/about/college-reports-and-policies/academic-policies/