HEALTH & SCIENCE FOUNDATIONS COURSE CALENDAR 2027

ONTARIO COLLEGE

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HEALTH & SCIENCE FOUNDATIONS

This program is a foundational series of courses designed to provide students with the essential knowledge and skills needed for further education and careers in health, medicine, and scientific fields. It serves as a preparatory pathway for individuals who want to pursue more specialized studies, such as Massage Therapy, Nursing, Paramedicine, Biomedical Sciences, Public Health, or other Health-Related professions.

ABOUT THE COLLEGE

Ontario College of Health & Technology was founded in 2006 and is registered as a Career College under the Career Colleges Act, 2005.

Our mission is to provide a learning experience for students based on trust, respect, optimism and intentionality; the assumptions of invitational education.

The College continually strives to learn what it is that students really want and need, to deliver it consistently and then make it even better. Our focus is to provide quality private education in an exceptional school environment.

Our instructors in the Health & Science Foundations Program are Educators, with many years of commitment and practice in their respective fields who bring a variety of skills to the program, learned via experience and continued education.

ADMISSION REQUIREMENTS

THE ADMISSION REQUIREMENTS FOR THE PROGRAM ARE AS FOLLOWS:

1. 18 years of age
2. All activities (lectures, seminars, etc.) are conducted in English so it is essential that every student possesses strong English writing, comprehension and speaking skills in order to prepare them for the program curriculum and any other components of the program.

POLICY ON REFUSING ADMISSION

Applications are assessed by the Director of Academics which accepts, refuses, or defers the admission of applicants to the program.

Meeting minimum admission requirements for a program does not guarantee an offer of admission to that program. Applicants can be refused admission if the Director of Academics believes they do not stand a reasonable chance of completing the program. Applicants may also be refused admission at any time throughout the application process if they conduct themselves inappropriately or make comments considered derogatory or offensive.

PROGRAM START DATES

JANUARY 2027 START

January 4 to April 16, 2027

TUITION COSTS

$450.00/month for 4 Months

TOTAL TUITION COST $1,800.00*§

1. Tuition is to be paid the first day of every month.
2. If payment has not been received by the end of the 3rd day of the month, a **$100.00 penalty** will be added to your account.
3. If two consecutive tuition payments are missed, the College has the right to withdraw the student from the program.
4. If all fees have not been paid by the completion of the semester, the College has the right to withdraw the student from the program.
5. Payments must be made through the student portal on www.ocht.ca via VISA Debit or credit card, or by e-transfer to info@ocht.ca. Tuition payments are not accepted at the front desk of the College.

*Text Books are NOT included in tuition fees

§ Students need to provide their own transportation to college and placements

HEALTH & SCIENCE FOUNDATIONS

PROGRAM OVERVIEW

SAMPLE SCHEDULES

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING CLASS	A&P	Fitness		Health & Safety	
AFTERNOON CLASS	Communication	Chem & Phys		Math	
EVENING CLASS					

*this semester schedule is just an example and NOT the exact schedule.

CLASS TIMES

MORNING CLASSES	9:00 AM-12:00 PM
AFTERNOON CLASSES	1:00 PM-4:00 PM
EVENING CLASSES	5:00 PM-8:00 PM

COURSES

7 CLASSES PER WEEK

INTRODUCTION TO HUMAN ANATOMY & PHYSIOLOGY

Introduction to Anatomy and Physiology is a foundational course that provides students with an understanding of the structure and function of the human body. The course typically covers the major organ systems, including the muscular, skeletal, circulatory, respiratory, and nervous systems. Students will learn about the interrelationship between anatomy (the structure of body parts) and physiology (the function of those parts), along with essential concepts such as homeostasis, cellular processes, and tissue types. Through lectures and laboratory work, students will explore how these systems work together to maintain health and respond to various conditions.

INTRODUCTION TO CHEMISTRY & PHYSICS

Introduction to Chemistry and Physics is a foundational course designed to introduce students to the basic principles and concepts of both chemistry and physics. The course typically covers topics such as the structure of atoms, chemical bonding, the periodic table, basic chemical reactions, and fundamental physics principles like motion, energy, and forces. Through lectures and hands-on experiments, students will learn how these scientific principles apply to real-world situations and everyday life.

MATHEMATICS FOR HEALTHCARE

Mathematics for Healthcare is a course designed to equip students with the mathematical skills and concepts necessary for effective decision-making in healthcare settings. The curriculum typically covers topics such as statistics, probability, data analysis, and mathematical modelling, all tailored to address real-world healthcare scenarios. Students will learn how to apply these mathematical techniques to improve patient outcomes, optimize resource allocation, and enhance overall healthcare delivery.

HEALTHCARE COMMUNICATION

45 Hours
1 Class per week

Healthcare Communication is a course designed to enhance the communication skills necessary for effective interaction within healthcare environments. The curriculum typically covers topics such as patient-provider communication, health literacy, cultural competence, and the use of technology in healthcare communication. Students will learn how to convey complex medical information clearly, build rapport with patients, and navigate challenging conversations. The course may also address the importance of teamwork and communication in multidisciplinary healthcare settings.

FITNESS FOUNDATIONS

Fitness Foundations is a course designed to introduce students to the basic principles of physical fitness and wellness. The curriculum typically covers topics such as exercise physiology, the components of fitness (aerobic capacity, strength, flexibility, and body composition), nutrition, and the importance of regular physical activity for overall health. Students will learn about creating individualized fitness plans, setting realistic goals, and the role of exercise in disease prevention and health promotion. Practical activities may include workouts, fitness assessments, and discussions on lifestyle changes that support a healthy lifestyle.

HEALTH & SAFETY

Health & Safety including WHMIS is a course designed to provide students with a comprehensive understanding of health and safety principles in various environments, particularly in workplaces. The curriculum covers essential topics such as workplace hazards, risk assessment, safety protocols, and emergency procedures. A significant focus is placed on the Workplace Hazardous Materials Information System (WHMIS), which includes the identification and management of hazardous materials, understanding safety data sheets, and proper labeling. Through a combination of lectures, discussions, and practical exercises, students will learn how to promote a safe working environment and comply with relevant health and safety regulations.

POST-SECONDARY SUCCESS

Post-Secondary Success is a course designed to equip students with the skills and strategies necessary for thriving in a post-secondary educational environment. The curriculum generally covers topics such as time management, study techniques, critical thinking, effective communication, and resource utilization. Students will learn how to set academic and personal goals, develop self-advocacy skills, and navigate the complexities of college or university life. Additionally, the course may include workshops on financial literacy, career planning, and the importance of networking and mentorship.

IMPORTANT POLICIES

PASSING GRADE:

Students must achieve a minimal of 50% to receive credit in every course. Students who do not achieve a minimal mark of 50% may be required to repeat the course. Students may be evaluated through multiple choice examinations, short answer type questions, essay type questions, group projects, assignments, and oral practical examination. Any grades below 50% will be discussed by the Academic Grades Committee at the end of the semester. A course of action will be determined by the Committee.

ATTENDANCE:

Students are expected to login online at the scheduled time. Students who arrive late on a consistent basis disrupt other students may be asked to leave by the instructor. It is at the discretion of the instructor to admit students who arrive later than the scheduled time. Students are expected to maintain full time attendance.

USE OF CELL PHONES/TEXTING:

Students may NOT make use of electronic devices to make or receive calls or to text messages during the class as this is disruptive to students and the instructor.

MISSED TESTS OR ASSIGNMENTS:

If for unforeseen circumstances a student is unable to write a scheduled test or quiz, there will be a pre-scheduled day the last week of the semester that the test will be taken. Students are required to notify their instructor of all examinations, tests, or quizzes that cannot be attended. If an instructor is not notified of the absence, a zero may be given for that evaluation.

TEST/EXAM DAYS

Students who are late for class on a day when a test or exam is being delivered will not be allowed entry once the test/exam has started. Students who enter late cause undue distractions and interrupt students whom have already began the evaluation. Late students will be allowed entry after the last person in the room has completed the evaluation. Students starting the exam late will only have the remainder of the original allotted time to complete the exam.

DAILY LECTURES:

Students should plan on logging into Zoom at least 15 minutes prior to commencement of a scheduled class and be ready to participate in class at the scheduled start time. Once an instructor has started to deliver the scheduled content for a particular class, no student will be allowed entry into the virtual classroom. Late arrivals interrupt the lecture and it is disrespectful to the instructor and members of the class. Students arriving late will only be allowed entry during the first break.

ACADEMIC DISHONESTY:

To act dishonestly or unfairly to gain an advantage is not acceptable at the Ontario College of Health & Technology. Students who are caught cheating or plagiarizing will receive a mark of zero and will be required to attend a discipline hearing. Students may be asked to withdraw from the College. Students are expected to cite all journals and textbooks for assignments using the APA format.

VIRTUAL CLASSES:

When classes are offered virtually on Zoom, it is expected that the student will have their camera and audio on and that they are set up in a professional environment for the learning experience. Participation in all discussions is mandatory. If the student is not engaged virtually it will be marked as an absence from the class.

DISABILITIES AND ACCOMMODATIONS

Ontario College of Health & Technology is committed to providing an appropriate level of accommodation and support to meet the needs of students with disabilities.

POLICY AND GUIDELINES ON DISABILITY AND THE DUTY TO ACCOMMODATE

The person with a disability is required to:

1. Advise the College Administration of their disability (although the accommodation provider does not generally have the right to know what the disability is).
2. Make her or his needs known to the best of his or her ability, preferably in writing, so that the person responsible for accommodation may make the requested accommodation.
3. Answer questions or provide information regarding relevant restrictions or limitations, including information from health care professionals, where appropriate and as needed.
4. Participate in discussions regarding possible accommodation solutions.
5. Co-operate with any experts whose assistance is required to manage the accommodation process or when information is required that is unavailable to the person with a disability.
6. Meet agreed-upon performance and education standards once accommodation is provided.
7. Work with the accommodation provider on an ongoing basis to manage the accommodation process.
8. Discuss his or her disability only with persons who need to know. This may include an instructor, the Director of Academics and the Director of Administration.

The College is required to:

1. Accept the students' request for accommodation in good faith, unless there are legitimate reasons for acting otherwise.
2. Obtain expert opinion or advice where needed.
3. Take an active role in ensuring that alternative approaches and possible accommodation solutions are investigated, and canvass various forms of possible accommodation and alternative solutions, as part of the duty to accommodate.
4. Keep a record of the accommodation request and action taken.
5. Maintain confidentiality.
6. Limit requests for information to those reasonably related to the nature of the limitation or restriction so as to be able to respond to the accommodation request.
7. Grant accommodation requests in a timely manner, to the point of undue hardship, even when the request for accommodation does not use any specific formal language.
8. Bear the cost of any required medical information or documentation. For example, Doctor's notes and letters setting out accommodation needs must be paid for by the College.

Commonly occurring accommodations that are made for students with identified special needs are:

1. Extra time on practical and written tests and examinations