

Confederation College is located in the city of Thunder Bay, a culturally diverse community that serves as the education and government hub of northwestern Ontario. Located in the heart of one of the finest outdoor recreation and tourism destinations in Canada, Confederation College students enjoy the benefits of living and learning in a community that provides a rich lifestyle right at your doorstep.

At Confederation College we change lives through learning. We are committed to meeting the needs of our learners, employers and communities, and we are here to help you succeed in meeting your life goals. To arrange for a Thunder Bay campus tour call (807) 475-6110 or [book a tour online](#).

CAMPUSES

[Thunder Bay »](#)

1450 Nakina Drive
P.O. Box 398
Thunder Bay, ON
Canada P7C 4W1

[Dryden »](#)

[Fort Frances »](#)

[Geraldton »](#)

[Kenora »](#)

[Marathon »](#)

[Red Lake »](#)

[Sioux Lookout »](#)

[Wawa »](#)

ADMISSIONS

The minimum admission requirement for a postsecondary program is an Ontario Secondary School Diploma, or its equivalent, with minimally 2 senior credits at the college, college/university or university preparation level. Some programs have additional admission requirements. For specific admission requirements, please see the program descriptions included in this publication, visit the [Admissions website](#) or contact our Admissions Office at (807) 475-6213.

SERVICES FOR PROSPECTIVE STUDENTS

Click the title to visit Department webpage:

Admissions & Recruitment »	(807) 475-6213
Career & Placement Services »	(807) 475-6193
Centre for Continuing Education »	(807) 475-6550
Counselling Services »	(807) 475-6110
Distance Education »	1-800-563-9435
Financial Aid »	(807) 475-6637
Fitness Centre »	(807) 475-6239
General Inquiry »	(807) 475-6110
Health Centre »	(807) 475-6169
International Students »	(807) 475-6175
Learning Centre »	(807) 475-6618
Library Learning Commons »	(807) 475-6219
Negahneewin College of Academic & Community Development »	(807) 475-6465
Oshki Anishnawbeg Student Assoc. »	(807) 475-6314
Registration Services »	(807) 475-6265
Residence/Housing »	(807) 475-6381
Student Union »	(807) 475-6226

Dental Hygiene

Dental Hygiene is a health care discipline involving both theory and practice. The practice of Dental Hygiene is a collaborative process in which the Dental Hygienist works with the client, and society in general, to achieve and maintain optimal oral health as an integral part of well-being.

As a Dental Hygiene practitioner, your role will be to develop and implement health promotion and preventive and therapeutic interventions in a variety of settings. The professional role of a Dental Hygienist is multi-faceted, involving five primary responsibilities: clinical therapy, health promotion, education, administration and research.

Upon successful completion of the three-year Dental Hygiene program and the National Dental Hygiene Certification Examination, you will receive a certificate of registration from the College of Dental Hygienists of Ontario as a Dental Hygienist.

Related Programs

If a career in dentistry interests you, you might also want to consider the following related program: Dental Assisting - (Levels I & II).

Admission Requirements

- Ontario Secondary School Diploma (or equivalent) with courses from the College (C), University (U), University/College (U/C), or Open (O) preparation levels.
- or successful completion of the Mature Student Assessment.
- or appropriate credits from Academic and Career Entrance program (ACE).

Additional Courses Required: Grade 12 College or University preparation English, Grade 11 or 12 Biology (College or University Preparation), Grade 11 or 12 Chemistry (College or University Preparation). Minimum final grade of 75% in each required course. Those currently enrolled in the program must have a midterm and final mark of 75% or higher to qualify for selection/admission. Completion of the one year certificate in Dental Assisting (Levels I & II) can provide you with advanced standing towards certain courses in the Dental Hygiene program if you already possess the program admission requirements. Applicants who do not possess these requirements might consider our Pre-Health Sciences program which will provide the necessary preparation for application to the Dental Hygiene program. Completion of a Pre-Health Sciences or Dental Assistant program does not guarantee admission to the Dental Hygiene program in a subsequent year.

FIRST SEMESTER

Course Number	Title	Credits
AB 113	Anatomy and Physiology I	3
CS 007	Persuasive Writing	3
DH 108	Principles of Dental Hygiene I	6
DH 109	Histology and Embryology	3
DH 110	Microbiology for the Hygienist	3
DH 111	Dental and Orofacial Anatomy	3
DH 134	Radiography Theory	3
MC 155	Microsoft Office 2007 Applications	3
	Total	27

SECOND SEMESTER

Course Number	Title	Credits
AB 214	Anatomy and Physiology II	3
DH 221	Introduction to the Dental Hygiene Profession	2
DH 222	Principles of Dental Hygiene II	9
DH 231	Preventive Oral Health Promotion I	3
DH 240	Introduction to Dental Materials	3
GE ...	General Education	3
	Total	23

THIRD SEMESTER

Course Number	Title	Credits
CS 217	Communications for Health Professionals	3
DH 236	Pharmacology for the Dental Hygienist	3
DH 320	Periodontics for the Dental Hygienist	3
DH 321	Nutrition	2
DH 323	Clinical Novice	9
DH 334	Preventive Oral Health Promotion II	2
DH 335	Human Pathophysiology	3
	Total	25

FOURTH SEMESTER

Course Number	Title	Credits
CS224	Introduction to Research Methods	3
DH 326	Oral Pathology	3
DH 400	Clinical Intermediate	9
DH 401	Diverse Populations and Health Beliefs	3
DH 402	Community Health Care in Canada	3
HU 200	Contemporary Applied Ethics	3
	Total	24

FIFTH SEMESTER

Course Number	Title	Credits
DH 503	Clinic Advanced	8
DH 504	Evidence-Based Practice	3
DH 505	Health Promotions & Community	3
DH 506	Role of Dental Hygienist in Orthodontics	3
TBA	Business Principles for Health Professionals	3
GE ...	General Education	3
	Total	23

SIXTH SEMESTER

Course Number	Title	Credits
DH 600	Interprofessional Practice	3
DH 601	Clinical Consolidation	8
DH 602	Dental Hygiene Practice Administration	3
DH 603	Health Policy/Advocacy	3
DH 604	Professional Practice & Jurisprudence	3
	Total	20



Course Descriptions

Anatomy and Physiology I

AB113

This course is designed for students enrolled in the Paramedic, Medical Radiation Technology, and the Dental Hygiene programs. It is a general introduction to the structures and physiology that make up the human body. It provides the basis for subsequent study of pathophysiology and patient care procedures.

Persuasive Writing

CS007

With a thematic focus on current issues, this course will help learners to express themselves clearly, correctly and persuasively in written form. Learners will also engage in analytical reading and critical thinking through assigned readings and discussions on a variety of topics. The course will also help learners to effectively compile and present research in essay form according to the APA style of documentation.

Communications for Health Professionals

CS217

In this course, students will enhance their business writing skills to produce letters, memoranda, and informal reports. They will combine collaborative methods with advanced research, written, and oral skills to produce and present a major formal report.

Principles of Dental Hygiene I

DH108

This course introduces the roles and responsibilities of the dental team, and consists of an overview of theory, which prepares the student for practical clinical experience. Preclinical theory will include introductory knowledge for obtaining accurate health history records and the fundamentals of effectively and efficiently performing basic clinical procedures. The student will be introduced to the history of dental hygiene, its regulations, governance, Standards of Practice, Quality Assurance Program, and its relationship to dentistry. The student will accurately collect, investigate and record health history information; ergonomics; basic instrumentation, and response to basic medical emergencies.

Histology and Embryology

DH109

The course will focus on the comprehensive study of oral histology and embryology which prepares the student with an understanding of normal development of the oral cavity and face. This allows for an introductory review of developmental disturbances of oral and dental tissue, principles of regeneration, wound healing and eruption patterns.

Microbiology for the Hygienist

DH110

This course introduces the student to the study of microorganisms, and their effect on the body, modes of transmission, and the body defenses against disease. This course will introduce students to microorganisms, particularly bacteria and viruses starting with general characteristics of morphology and growth, modes of transmission and the relationship of diseases to pathogenic microorganisms especially those relevant to dental hygiene.

Dental and Orofacial Anatomy

DH111

This course serves as a foundation for understanding the oral anatomical landmarks and the relationship between structure and function. The student will learn detailed anatomy of the teeth and the surrounding structures in and around the mouth, including the skeletal structures, muscular, vascular, and nervous systems of the head and neck region.

Radiography Theory

DH134

This course is designed to familiarize students with the theory and practice of radiation protection and safety techniques to ensure their compliance with the high standards of the Healing Arts Radiation Protection Act of 1984 and will recognize and interpret normal and pathological structures as seen on radiographs and will apply the theory in clinical studies.

Introduction to the Dental Hygiene Profession

DH221

This area relates to the profession of dental hygiene and the regulatory context for dental hygiene practice. An overview of the history of the profession, its evolution as a self-regulated profession in Ontario will provide the background for further discussion regarding the Regulated Health Profession Act, 1991, role of the College of Dental Hygienists of Ontario, scope of practice and recognition of dental hygienists as a clinician, oral health educator, health promoter, advocate and coordinator. The significance of standards of practice, quality assurance, ethics and professional associations are explored.

Principles of Dental Hygiene II

DH222

This area relates to the theory and practice of specific dental hygiene skills. Theory relates to the study of the fundamentals of the dental hygiene process of care with particular emphasis on assessment skills, record keeping (charting), positioning, ergonomics, instrumentation, personal safety, and infection control procedures. Practical experiences relate to the concept and principles of instrumentation, debridement and preparation for implementation of additional dental hygiene skills. Additional clinical skills will consist of radiography, client education, coronal polish, application of anticariogenic agents, pit and fissure sealant application, alginate impressions, fabrication of study models and application of desensitization agents.

Preventive Oral Health Promotion I

DH231

This course is an introduction to oral health promotion for the individual client. Topics include study of approaches to oral health education and interventions for the three levels of prevention. Theories of behavioral change are considered as is an introduction to health determinants as essential to health. The dental hygiene process of care is introduced with emphasis on clinical application. Importance is also placed on oral biofilm and self-care methods for oral disease control. Preventive agents and their use are also explored.

Pharmacology for the Dental Hygienist

DH236

This course is designed to prepare the dental hygiene student to accurately assess the client's health history and to plan treatment considering the origin, physical and clinical properties, modes of administration and effects of medications upon the body systems. A review of medical interventions to promote and maintain client health and well-being, will ensure client safety.

Introduction to Dental Materials

DH240

This area relates to the science and clinical aspects of dental materials in restorative dentistry and the various dental specialties. Most of the information will be handled from a theoretical base and some content will include practical demonstration with skill development in the manipulation of these materials. Physical and mechanical properties of dental materials and classification of dental materials are reviewed with particular attention to the dental hygienists understanding of dental materials from a clinical perspective. Emphasis will be placed on those materials associated with dental hygiene assessments, specific clinical procedures and interpretation of materials on radiographs.

Periodontics for the Dental Hygienist

DH320

This course is designed to give the student a thorough understanding of the etiology and progression of periodontal disease and knowledge of the various disorders and surgical and non-surgical solutions to periodontal disease.

Oral Pathology

DH326

The student will recognize and record the normal and abnormal conditions which occur both intra and extra orally. Students will be able to apply their knowledge of the classifications and oral manifestations of disease during clinical sessions.

Microsoft Office 2007 Applications

MC155

This course introduces students to the use of Microsoft Office 2010 applications. Specifically, students will use basic and intermediate features of, Microsoft Word, Excel and PowerPoint to perform tasks commonly encountered in the workplace. A portion of this class will be independent study. Students must have access to a computer with Windows XP or greater and Microsoft Office 2010.
