

COURSE OUTLINE

Course Name: Health Sciences 1

Department Head/Coordinator: Department Head: Lisa M Supeene **Effective Date:** September 2012

School or Centre:	Department:
School of Health Sciences	Dental Hygiene

Course History:	Year of Study:
Replacement Course	2nd Year Post-secondary

Name of Replacing Course (if applicable):	Oral Anatomy and Physiology DHAC 2102	Course Number:	DHAC 2154
		Number of Credits:	4.0

Course Pre-requisites (if applicable):

Acceptance into the program

Course Co-requisites (if applicable):

Term 1 courses in Dental Hygiene Access Program

PLAR (Prior Learning Assessment & Recognition)

No Yes (details below):

Course Description:

This course provides learners with foundational knowledge of anatomy and physiology of the head and neck region, which is used as a scientific basis for understanding the human organism as an integrated, functioning unit. Emphasis will be placed on the integration of theory into dental hygiene practice and the use of relevant, current and credible resources used in evidence-based decision-making.

Instructional Strategies:

The course also provides an opportunity to explore the concepts of study strategies for online learner success, learning styles, and professionalism to support the learner in their transition from their current role in health care to their role as a dental hygienist.

The use of online chats and electronic literature search in addition to discussion forums are some of the instructional strategies employed.

Course Learning Outcomes:

Upon successful completion of this course, the learner will be able to:

1. Develop time management and study strategies for learner success.
2. Analyze the strengths and limitations of Kolb's learning styles.
3. Compare and contrast scopes of practice of oral health professionals and hallmarks of a profession as they relate to self-regulating dental hygiene practice.
4. Analyze how oral tissues of the human body adapt to meet functional needs.
5. Compare normal and abnormal human anatomy and physiology in relation to oral health.
6. Assess the relationship between abnormal human anatomy and physiology and the provision of oral care.
7. Identify relevant, current and credible resources related to evidence-based decision-making.

Program Learning Outcomes:

A graduate has met the goals of the VCC Dental Hygiene Diploma program based on the Entry-to-Practice Standards and Competencies for Canadian Dental Hygienists (1) by reliably demonstrating knowledge, skills, and attitudes in the following domains:

1. Professional: Use elements of the arts and science of dental hygiene in the service of the public such as the application of codes of ethics and professional conduct, the development of safe practice environments, and the responsibility/accountability for decisions and actions appropriate for a self-regulating profession.
2. Communicator/Collaborator: Use effective verbal, non-verbal, visual, written, and electronic communication methods in the exchange of ideas, opinions and information relevant to dental hygiene practice. As well as influence and work with others to improve the health and well-being of the public.
3. Critical Thinker: Invoke systematic inquiry, reasoning, problem-solving and decision-making strategies in the provision of all dental hygiene services.
4. Advocate: Speak, write, or act in support of causes, policies, individuals, or groups that aid to reduce inequities in health status or improve access to health services.
- Coordinator: Support client needs and outcomes through the coordination and management of services, actions and resources.
5. Clinical Therapist: Provide primary, interceptive, therapeutic, preventive, and supportive care procedures that enable individuals and groups to achieve optimal oral health that contributes to overall health.
6. Oral health educator: Apply teaching and learning principles to facilitate the development and expansion of skills, attitudes, knowledge and behaviour which support oral health and general health.
7. Health promoter: Use health promotion principles and strategies to enable individuals and groups to increase their control over and to improve their health.

1 Canadian Dental Hygienists Association (CDHA). Entry-To-Practice Competencies and Standards for Canadian Dental Hygienists. Ottawa, ON: CDHA, 2010. Available from: www.cdho.org/otherdocuments/EntrytoPractice.pdf

Evaluation/Grading System

Grading System	Specify if 'Other':	Specify Passing Grade:
Letter Grades		C

Components and Weighting of the Assessment/Evaluation Plan:

Type	Percentage	Evaluation Plan (provide a brief explanation for each component especially if value exceeds 35%):
Participation	10	Participation in online activities and discussions
Project	10	Group report in response to case scenarios related to muscles of the head and neck
Project	10	Group report in response to case scenarios related to the blood supply to the head and neck
Lab Work	35	Written questions, including slides/figures and case scenarios
Final Exam	35	Written questions, including slides/figures and case scenarios
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Total		100

Learning Environment/Type

Instruction Type	Hours Per Instruction Type	Comments
I - Internet/eLearning (Fully Online)	120	
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Enter Total Hours	120	

Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

Course Topics and Sequence Covered:

1. Time management and study skills
2. Learning styles
3. Professionalism and scopes of practice of oral health professionals
4. Head and neck anatomy: bones, muscles, blood supply, TMJ, cranial nerves, glandular tissue, lymphatics, fascia/ spaces
5. Developmental and regressive/acquired anomalies of the head, neck and oral tissues
6. Literature review: relevant, current, credible resources

VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at:

<http://www.vcc.ca/about-vcc/policies/index.cfm>

To find out how this course transfers, visit the BC Transfer Guide at www.bctransferguide.ca.

FOR COMMITTEE USE ONLY

Date Approved by Education Council:		Date Approved by VCC Board (if applicable):	
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