

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

HSCI 2295: Age-related Conditions and the Interventions

Course Format:

[Course format may vary by instructor. The typical course format would be:]

Lecture 4 h + Seminar 0 h + Lab 0 h

Credits: 3

Transfer credit: For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

Students explore the diseases associated with aging as well as their interventions. They focus on the processes that lead to the development of the most common disorders associated with older persons. They learn the clinical manifestations and interventions that reduce the risk of these disorders as well as the therapies for these conditions. Within each body system (cardiovascular, neurological, digestive, respiratory, urinary, endocrine, reproductive, and skeletomuscular), the disorders are addressed according to their prevalence and severity.

Prerequisites: HSCI 1195

Corequisites: None

Registration priority given to students admitted to the Gerontology Diploma program

Learning Outcomes:

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

- Identify the most prevalent disorders of aging, including their clinical manifestations, distribution in the population, diagnostic criteria and prognoses
- Distinguish between the changes that occur in healthy aging and those in disease states commonly associated with aging.
- Explain the currently accepted determinants, underlying biological mechanisms, and manifestations of the principle diseases of aging
- Explain the principle intervention strategies for these diseases, including preventive approaches and treatment strategies.

Instructor(s): TBA

Office: TBA **Phone:** 604 323 XXXX **Email:** TBA

Office Hours: TBA

snəwəyət leləm Langara College acknowledges that we are located on the unceded territory of the Musqueam people.

Textbook and Course Materials:

[Textbook selection may vary by instructor. An example of texts and course materials for this course might be:]

Kaeberlein, Martin. "Handbook of Biology of Aging". Academic Press.

Note: *This course may use an electronic (online) instructional resource that is located outside of Canada for mandatory graded class work. You may be required to enter personal information, such as your name and email address, to log in to this resource. This means that your personal information could be stored on servers located outside of Canada and may be accessed by U.S. authorities, subject to federal laws. Where possible, you may log in with an email pseudonym as long as you provide the pseudonym to me so I can identify you when reviewing your class work.*

Assessments and Weighting:

Final Exam 30%

Other Assessments %

(An example of other assessments might be:) %

Midterm exam: 40%

Quizzes/Tests: 20%

Participation: 10%

Participation format: Group discussion of cases

Proportion of individual and group work:

Individual: 90%

Group: 10%

Grading System: Letter grade

Specific grading schemes will be detailed in each course section outline.

Passing grade: C-

Topics Covered:

[Topics covered may vary by instructor. An example of topics covered might be:]

Week 1: Distinguishing normal aging from disease states in older persons

Week 2: General conditions: infections/ impaired healing, therapeutic and non-therapeutic drug use and toxicity syndromes

Week 3: Immunodeficiency and autoimmune conditions

Week 4: Neoplasia: tumours, cancer

Week 5-6: Cardiovascular disease

Week7: Respiratory disease

This generic outline is for planning purposes only.

Week 8: Digestive and metabolic disorders
Week 9: Hormonal disorders
Week 10: Urinary and reproductive disorders
Week 11: Musculoskeletal disorders
Week 12: Nervous system disorders
Week 13: Sensory Disorders

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

[E1003 - Student Code of Conduct](#)

[F1004 - Code of Academic Conduct](#)

[E2008 - Academic Standing - Academic Probation and Academic Suspension](#)

[E2006 - Appeal of Final Grade](#)

[F1002 - Concerns about Instruction](#)

[E2011 - Withdrawal from Courses](#)

Departmental/Course Policies:

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