



v c c . c a

BIOL 1125: Pre-Health Sciences Biology 1

EFFECTIVE DATE

September 2016

DEPARTMENT

UT Sciences

DESCRIPTION

This course is part one of two biology courses in the Pre-Health Sciences Program. It provide an introduction to the study of anatomy and physiology of humans and reviews the major themes of anatomy and physiology from Biology 12; including cellular form and function, biochemistry and metabolism, genetics and heredity, and characteristics of tissues. This course subsequently studies a number of human systems in greater depth including the integumentary system, skeletal system, muscular system, nervous system, and endocrine system. This course will describe physiological functions that contribute to health and/or disease. Pre-Health Sciences Biology 1 and 2 combine to give the equivalent of NURS 1602 plus additional material.

CREDITS

2.5

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

Admission to the Pre-Health Sciences Program

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Comprehend and appropriately use anatomical terminology.
- Identify and locate organs responsible to specific functions.
- Describe the structure, and explain the relationship between structure and function in each organ system.
- Describe physiological processes that occur in each organ system.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

Challenge exam or other methods of assessment may be possible

HOURS

Lecture: 48

INSTRUCTIONAL STRATEGIES

This course primarily uses lecture-based instruction. Classes will also utilize some combination of discussions, case studies, animations and videos, clicker questions, on-line assignments and resources, and group work.

GRADING SYSTEM

Letter Grade (A-F)

PASSING GRADE

D

EVALUATION PLAN

Type	Percentage	Assessment activity
Quizzes/Tests	35	Unit-based; Approximately 5 quizzes
Midterm Exam	25	Cumulative: 1
Final Exam	30	Cumulative: 1
Assignments	10	Assignments and Learning Activities

COURSE TOPICS

- General overview of human anatomy and physiology
- Biochemistry and metabolism
- Cell structure and function
- Characteristics of tissues
- The integumentary system
- The skeletal system
- The muscular system
- The nervous system
- The endocrine system

LEARNING RESOURCES

None

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

Broadway campus

1155 East Broadway
Vancouver, B.C. Canada
V5T 4V5

Downtown campus

250 West Pender Street
Vancouver, B.C. Canada
V6B 1S9

Annacis Island campus

1608 Cliveden Avenue
Delta, B.C. Canada
V3M 6P1

604.871.7000

VCC.ca

Generated at: 8:03 am on Apr. 10, 2021