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BIOL 0993: Biology 12 - Part 2

EFFECTIVE DATE

January 2017

DEPARTMENT

CF - Science

DESCRIPTION

This course includes human anatomy and physiology, with emphasis on application to our own bodies. Students become subjects of laboratory sessions will cover: the senses, cardiovascular systems, and kidneys. Other topics explored include reproduction, brain and mind, medical aspects of organ physiology, digestion, muscles and bones, and human development. Both Biology 0983 and Biology 0993 are required for completion of ABE Provincial level Biology. Biology 0983 and Biology 0993 can be taken at the same time or in any order.

CREDITS

4.0

YEAR OF STUDY

ABE Provincial Level(Grade12)

PREREQUISITES

Biology 11 (BIOL 0861/0871 or equivalent); English 10 (ENGL 059, an ELA score of 127, or equivalent); Math 10 (Foundations of Mathematics and Precalculus 10, MATH 0750/0751, or equivalent). Chemistry 0861/0871 is recommended. English 11 is strongly recommended

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Students will meet the learning outcomes for ABE Provincial Level Biology as stated in the most recent ABE Articulation Handbook.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 96

Lab: 96

Other: 96

INSTRUCTIONAL STRATEGIES

Option 1: Self-paced - one-to-one individualized instruction Option 2: Class-based - lecture and small group workshops

GRADING SYSTEM

Letter Grade (A-F)

PASSING GRADE

D

EVALUATION PLAN

Type	Percentage	Assessment activity
Quizzes/Tests	40	2 tests at 20% each
Lab Work	30	approximately 30% for various lab related activities, including at least one formal lab write-up
Assignments	10	approximately 10% for various assignments
Final Exam	20	
Other		Or Self-paced option: Lab 30%, 4 Tests 70%

COURSE TOPICS

- Nervous System
- The Human Brain
- Senses
- Locomotion (skeleton/muscle physiology)
- Endocrine System
- Circulatory System (heart, blood)

- Respiratory System
- Homeostasis
- Excretion
- Digestion
- Reproduction

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
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