CAPILANO UNIVERSITY

COURSE OUTLINE

TERM: Fall 2013	**COURSE NO.**: BBIO 036
INSTRUCTOR:	**COURSE NAME**: ABE Intermediate Biology
OFFICE:	**COURSE CREDITS**: 1.0

COURSE FORMAT: A minimum of 1.5 hours in class and 1.5 hours in another mode of delivery such as tutorial in the ABE Learning Lab, on-line using Moodle or in the ABE Biology lab. Students may complete this course in less or more than 15 weeks in the self-paced mode.

PREREQUISITE: None

RECOMMENDED FOLLOW-UP COURSES: BBIO 043 or BBIO 053

LEARNING OUTCOMES: Upon completing this course students will be able to demonstrate functional scientific skills at the ABE Intermediate Science level, which is articulated in the *Adult Basic Education in British Columbia Articulation Handbook* at http://www.aved.gov.bc.ca/abe/docs/handbook.pdf.
Specifically, learners will be able to:

- Identify the parts of the microscope and demonstrate its use.
- Explain the theory, structure and function of the cell.
- Describe cellular processes.
- Define cell division.
- Diagram cell organization.
- Describe the energy needs of the body.
- Identify nutrients needed by the body.
- Plan a healthy diet.
- Identify special foods and diets.
- Describe worldwide food needs.
- Identify the parts of the skeletal and muscular systems.
- Explain the function of blood and trace its circulation.
- Identify the parts and functions of the respiratory system.
- Describe the digestive system and the function of the digestive organs.
- Identify the parts of the nervous system.

REQUIRED TEXT: Lesser, M. S. *Life Science Work Text*. New York: AMSCO School Publications, 2004.

COURSE CONTENT:

Unit 1	Introduction to science and the activities of living things.
Unit 2	The cell and its processes.
Unit 3	Nutrition.
Unit 4	Human Biology.

EVALUATION PROFILE:

Assignments (4 x 10%)	40%	
Mid term test	20%	
Laboratory (4 x 5%)	20%	All labs must be completed for credit.
Final Exam	20%	
Total	100%	

GRADING PROFILE: CREDIT/NO CREDIT – (students must achieve 80% for credit).

OPERATIONAL DETAILS:

University Policies: Capilano University has policies on Academic Appeals (including appeal of final grades), Student Conduct, Cheating and Plagiarism, Academic Probation and other educational issues. These and other policies are available on the University website.

Attendance and Progress: Students who will be absent for any reason should leave a voice or email message for their instructor *prior* to the start of class. ABE department policy is to place students attending less than 75% of classes in a subject on a "non-priority list". Students on this list register last (after all other students have registered). A student may enroll in a self-paced ABE Biology course for a maximum of 2 terms.

Cheating/Plagiarism: All forms of cheating including plagiarism are serious offences. The instructor has the right to assign a "0" on the assignment or a grade of "NC" on the course. A second offence in any course may result in expulsion from the program.

Computer use policies: The misuse of a computer system (such as unauthorized access to other computer accounts or unauthorized use of system software) is not only unfair to other students but can result, at the instructor's discretion, in suspension of the offender's computer access in a course, which may result in an "NC" grade. Repeated offences may result in a permanent revoking of all computer privileges.

Emergency Procedures: Please read the emergency procedures posted on the wall of the classroom.

Laboratory:
- Consult with your instructor for information relating to laboratory safety.
- The area of the lab in which you perform your experiment must be left clean and all equipment thoroughly washed **and** rinsed.
- Equipment should be returned to the location in which it was found.
- Remember to leave time for clean up when planning an experiment.
- Students must demonstrate responsible and respectful behavior in the lab at all times.
- All laboratory data must be checked and initialed by the instructor before cleaning up after the lab work is completed.
- Report all chemical spills to your instructor.