

Applied Ecology (3-2-0 hrs) - EVS 1210

1. Course Description

Course Code:	EVS 1210
Course Title:	Applied Ecology (3-2-0 hrs)
Status:	Active
Credits:	3.00
Pre-requisite:	None
Corequisite:	None
Advisory:	None
Calendar Description:	This course provides an introduction to ecological principles at the species, population, community and ecosystem levels. Specific application of ecology to sustainability and the management of forest and grassland ecosystems are studied.

2. General Areas of Competency

1. Describe the interaction between organisms and their environment.
2. Examine population ecology.
3. Examine community ecology.
4. Analyse ecosystems and their dynamics.
5. Develop sustainable alternatives based on ecological principles.
6. Analyse the principles of boreal forest ecology.
7. Analyse the principles of grassland ecology.
8. Evaluate wildlife habitat management strategies.

3. Student Evaluation

Conditions Related to Evaluation:

Students may be penalized 20% per day for late assignments.

Missed quizzes and final exam will be graded '0' unless prior arrangements have been made with the instructor.

Evaluation is based on the successful completion of the following:

	Mark Distribution
Assignment(s)	40.00%
Quiz(zes)	30.00%
Final Exam	30.00%
	100.00%

4. Grading System

A	92 - 100	4.0	C+	67 - 71	2.3
A-	87 - 91	3.7	C	62 - 66	2.0
B+	82 - 86	3.3	C-	58 - 61	1.7
B	77 - 81	3.0	D+	54 - 57	1.3
B-	72 - 76	2.7	D	50 - 53	1.0
			F	< 50	0.0

5. Delivery Methods

Scheduled time; Lecture = 45hrs Lab/Field Trips = 30hrs. Independent study is required.

6. Resource Materials

- Required Texts and Resources**
- o TBA

7. Student Equipment & Supplies

None

8. Student Responsibilities

Enrollment at Olds College assumes that the student will become a responsible citizen of the college. As such, each student will display a positive work ethic, take pride in and assist in the maintenance and preservation of Institute property, and assume responsibility for his/her education by researching academic requirements and policies; demonstrating courtesy and respect towards others; and respecting instructor expectations concerning attendance, assignments, deadlines, and appointments.

9. Additional Information

FIO Item #6.2.23. June 14/18. Replaces #1902.

10. This course is incorporated into the following program(s)

Diploma *Active* Land & Water Resources - Environmental Stewardship and Rural Planning Major

Diploma *Active* Land & Water Resources - Land Reclamation and Remediation

Changes to This Course Outline

Every effort has been made to ensure that information in this course outline is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.

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