

**Clackamas Community College**

## Online Course/Outline Submission System

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**Section #1 General Course Information****Department:** Sciences**Submitter**

First Name: Jennifer

Last Name: Bown

Phone: 3348

Email: jenb

**Course Prefix and Number:** BI - 163**# Credits:** 1**Contact hours**

Lecture (# of hours): 11

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 11

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

**Course Title:** Malheur Field Trip**Course Description:**

Four day field trip. Study of plants, animals, geology, and history of the Northern Basin and Range ecoregion at the Malheur Environmental Field Station in southeast Oregon.

**Type of Course:** Lower Division Collegiate**Is this class challengeable?****No****Can this course be repeated for credit in a degree?****No**

Is general education certification being sought at this time?

**No**

Does this course map to any general education outcome(s)?

**No**

Is this course part of an AAS or related certificate of completion?

**No**

Are there prerequisites to this course?

**No**

Are there corequisites to this course?

**No**

Are there any requirements or recommendations for students taken this course?

**Yes**

**Recommendations:** None

**Requirements:** Field trip and Instructor consent.

Are there similar courses existing in other programs or disciplines at CCC?

**No**

Will this class use library resources?

**Yes**

**Have you talked with a librarian regarding that impact?**

**Yes (A 'Yes' certifies you have talked with the librarian and have received approval.)\***

Is there any other potential impact on another department?

**No**

Does this course belong on the Related Instruction list?

**No**

**GRADING METHOD:**

A-F or Pass/No Pass

**Audit: Yes**

When do you plan to offer this course?

✓ **Spring**

✓ **Not every year**

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

**No**

Will this course appear in the college catalog?

**Yes**

Will this course appear in the schedule?

**Yes**

**Student Learning Outcomes:**

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

1. through observation and journaling, document observation of the ecology and geology of eastern Oregon, the Basin and Range region, and the Malheur region;
2. participate in scientific field experiments, analyze and interpret the results and apply them to current and historical trends in eastern Oregon and the Northern Basin and range ecoregion;
3. collaboratively explain and compare strategies for plant and animal survival in desert ecosystems;
4. evaluate the issues in refuge and range management within the Basin and Range ecoregion.

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***This course does not include assessable General Education outcomes.***

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**Major Topic Outline:**

1. Geology of eastern Oregon, the Basin and Range ecoregion and specifically Malheur county to include geothermal springs, basaltic lavas and ash flow tuffs.
2. Desert soils and hydrology and correlate their impact on plant and animal distribution.
3. Survival strategies of animals and plants to the Great Basin desert.
4. Ecology and conservation of cryptobiotic soils, and the discussion of human impacts.
5. Native people and early European settlement and the influence of the cattle industry on the environment and in particular wildlife refuges.
6. Refuge and range management of the nation's largest Federal wildlife refuge and issues related.
7. Field guides and plant keys in identifying animals and plants.
8. Scientific journals: correct format, data collected and Latin usage.

**Does the content of this class relate to job skills in any of the following areas:**

- |                                      |           |
|--------------------------------------|-----------|
| 1. Increased energy efficiency       | <b>No</b> |
| 2. Produce renewable energy          | <b>No</b> |
| 3. Prevent environmental degradation | <b>No</b> |

4. Clean up natural environment **No**  
5. Supports green services **No**

Percent of course: 0%

### Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

1. Is there an equivalent lower division course at the University?
2. Will a department accept the course for its major or minor requirements?
3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

**PSU (Portland State University)**

**OSU (Oregon State University)**  **UO (University of Oregon)**

Identify comparable course(s) at OUS school(s)

OSU (BI LDT), UO (BI 1AAT)

How does it transfer? (Check all that apply)

**general elective**

:

First term to be offered:

**Next available term after approval**

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