**Ihanktonwan Community College**

**Integrated Science II (Biological)**

**Spring 2014 SC 201 Tuesdays 5-9pm**

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**Course Description**

This course is designed to introduce you to science as one way of knowing about the world. You will make observations, design investigations, and draw conclusions based on data and observations. Since science involves holistic thinking, intuition and nonlinear imagining abilities will be as important as logical thinking. To help improve this kind of thinking, I have added a Lakota perspective component to this course.

**Course Objectives**

-make observations, design investigations, and draw conclusions based on data and observations

-develop an awareness of the Lakota perspective on land, the plant nation, and the animal nation

-analyze patterns that occur in nature

-practice teaching methods in preparation for the PRAXIS test required for teacher certification

-analyze scientific facts and processes incorporated in the stories that are included in the science content knowledge of the PRAXIS test

**Books**

Caduto, M. & J. (1991). Keepers of the Animals. Golden, CO: Fucrum Publishing

Caduto, M. & J. (1998) Keepers of Life. Golden, CO: Fulcrum Publishing

**Schedule:**

**Keepers of Life**

1/21 introduction

1/28 Chapter 3

2/4 Chapters 4,5,6

2/11 Chapters 7,8,9

2/18 Chapters 10,11

2/ 25 Chapters 12,13

3/4 Chapters 14,15

**Keepers of Animals**

3/11 Lesson Presentation for Keepers of Life/ Chapter 3

3/18 spring break

3/25 Chapters 4,5,6

4/1 no class

4/8 Chapters 7,8,9

4/15 Chapters 10,11,12

4/22 Chapters 13,14,15

4/29 Chapters 16,17

5/6 Lesson Presentation for Keepers of Animals

**Points:**

**Attendance**-25 points Daily

**Story Summaries**-25 points (summary of all stories and reactions)

**Homework questions-**2 points each question-weekly assignment may vary from 10-30 points

**Lesson presentations**-100 points (one from each book)

**Participation-**10

**Story Summaries**

Chapter story summaries will be written for every chapter assigned. These must be completed on time with a summary and a reaction as we will have a class discussion over them at the beginning of each class.

**Lesson presentations**

A lesson will be presented from each book. The lesson will include the lesson plan formats you have used throughout the semester. You will teach us as you would teach your own class. I will expect you to accommodate at least three different learning styles for these lessons. (For example, the audio, visual, spatial….)I will be going over and handing out a rubric for your lessons prior to their due dates.

**Grading Scale:**

100-90 A

89-80 B

79-70 C

69-60 D

Below 60 F

**Student Responsibilities**

1. **Attendance**-The attendance policies stated in the Ihanktonwan Community College Student Handbook will be strictly adhered to. **Successful completion** of this course is contingent upon attendance, participation, and completion of all course requirements, complied in a portfolio in a timely matter.
2. **Accountability**-All readings, presentations, and assignments must be ready when due in order to earn the maximum number of points allowed. The instructor reserves the right to deduct points for late work. After one week, a failing grade for that assignment may be given. Work handed in must be professional quality. A final grade will not be given unless a completed portfolio is handed in**. MOST IMPORTANTLY STUDENTS MUST UNDERSTAND THAT THEY ARE ULTIMATELY RESPONSIBLE FOR THEIR OWN LEARNING**
3. **CELL PHONE POLICY** Cell phone usage disrupts the learning process. All cell phones must be turned off and put away during class time. You may check your messages and/or make necessary phone calls during class breaks or after class is over. Thanks for your cooperation.
4. **DISABILITY STATEMENT** ICC strives to assist students with declared disabilities that may impact their learning. Please advise your instructor or academic advisor prior to the beginning of the class if you have special needs.

**Extended time will not be granted past finals week unless arrangements are made ahead of time with a valid reason.**

**Grade changes will not be granted without a class completion contract that is approved by me and the college administration.**

**I reserve the right to adjust this schedule as I deem necessary.**