

Intersession 2002

EDUC 476 - 4

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Designs for Learning: Elementary Science

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D03.00

Fort St. John

PREREQUISITE:

Educ 401/2

DESCRIPTION

** Students must be prepared to conduct one quarter of the course online.

COURSE OBJECTIVES

-students will examine and develop their own approaches to teaching Science as well as analyzing current research.

-students will build a repertoire of practical skills involving the discovery method (inquiry, problems approach)

-students will develop strategies that encourage participation of all students as well as promote critical thinking.

EVALUATION

Student evaluations will be based on a combination of self, peer, and instructor evaluations.

20% Mini-Presentation (TBA)

25% Online Participation (FirstClass with an Internet connection)

15% 3-page Paper

40% Group Project

ASSIGNMENTS

NB: Late assignments will only be accepted with a doctor's note.

1) Mini-presentation 20%

30-minute group presentation which includes an activity and assessment.

*Sign up during first class, to be completed in groups of 3, division of responsibilities TBD by members.

2) Online Participation 25%

a. tasks from instructor

b. use as communication tool with group members

c. online forum for class discussions

3) Essay 15%

3-page essay

Topic to be determined with instructor via FirstClass

Topic Due: May 20, 2002

Paper Due: June 2, 2002

4) Group Project * 40%

a. Unit Plan (Includes 2 lesson plans per member – following IRP guidelines, rationale, materials, assessment criteria)

b. Resources (originals or photocopies)

c. Bibliography

d. Oral Presentation (45 minutes)

e. Self Evaluation, Peer Evaluation

Presentation Date: June 16, 2002

* Students must indicate which parts of the project they have authored.