



COURSE OUTLINE

ELCC 200
PROGRAM PLANNING: SCIENCE AREAS FOR YOUNG
CHILDREN

3 CREDITS

PREPARED BY: Brooke Alsbury, Instructor/Coordinator ELCC
DATE: May 1, 2020

APPROVED BY: Dr. Andrew Richardson, Dean Applied Arts
DATE:

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PROGRAM PLANNING: SCIENCE AREAS FOR YOUNG CHILDREN

INSTRUCTOR: Brooke McKenzie
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TELEPHONE: HEHS office 867.668.8845

OFFICE HOURS: By Appointment
CLASSROOM: Online via Zoom
TIME: 6:30 pm-8:40 pm
DATES: Thursday
Sept. 3rd- December 3rd, 2020

COURSE DESCRIPTION

This course focuses on the nature and development of science, mathematics and social studies in the lives of young children in a Northern context. Students use experiments to assist in the conceptual understanding of these areas. Though traditionally approached as separate disciplines, the three areas are presented within a framework of integrated learning. Students develop, carry out, and evaluate relevant experiences that will meet the needs of children. Finally, the course investigates the nature and methods of long-term and short-term planning.

PREREQUISITES

Completion of ELCC certificate or permission from the instructor.

EQUIVALENCY OR TRANSFERABILITY

Please check the following link <https://www.yukonu.ca/programs/early-learning-and-child-care> for information about transferability of Early Learning and Child Care Courses.

LEARNING OUTCOMES

Upon successful completion of the course, students will be able to:

- plan and provide developmentally appropriate science, mathematics and social studies experiences for young children that are relevant to the cultural background of the child and community

- demonstrate the understanding of the social, physical, intellectual, creative, emotional and spiritual stages of child development as they apply to planning in these curricular areas
- demonstrate an understanding of basic concepts, materials, terminology and attitudes essential for successful exploration and teaching in these areas
- recognize areas of science, math and social studies in children's play
- create curriculum webs that integrate science, math and social studies with each other and other curricular areas within a Northern context
- demonstrate an ability to reformulate or modify activities to meet the needs and interest of individual children

COURSE FORMAT

This 45-hour course will be delivered in the classroom setting and/or via web-conferencing by the instructor. Special guests and resource people will support the delivery of the course information.

Each lesson will include a variety of teaching/learning strategies. These strategies may include: lecture, large and small discussion groups, in-class projects, experiences, simulations, role plays, observations, readings, audio-visual aids, guest speakers, and students' individual assignments.

ASSESSMENTS:

Attendance & Participation

Much of the learning is done in the classroom. Students learn from each other, as well as from the instructor; therefore, attendance and appropriate participation are essential.

Attendance is mandatory. Because experiential exercises and other activities are such an important component, success in the course is dependent on a high level of participation. If you miss classes or experimental activities you may be asked to withdraw or you may not be allowed to return to class.

Students are expected to attend and participate in all classes, are expected to be actively involved in discussions, and must take responsibility for their own learning. Students'

personal experience and thoughts will provide much of the material for discussion; therefore, it is expected that students are prepared for classes by having completed the required readings, assignments and other assigned work. Emphasis will be placed on learning by doing and on personal reflection on individual experiences.

As stated in Yukon College's Academic Regulations: "Students in all program areas are expected to attend classes and will be informed of any specific attendance requirements for their course by their instructors at the beginning of the term." It is the responsibility of the student to collect the information from classmates if they are absent from all or a portion of a class. Students are responsible for obtaining handouts and completing assignments for any classes missed.

Professional behaviour is expected. If a class should be missed, the student will communicate with their instructor ahead of time.

Note: If a student becomes absent from more than 10% of the course, the instructor may designate make-up assignment(s), which would be designed to demonstrate the student's understanding of content missed. This opportunity is at the discretion of the instructor and, if undertaken, will be accompanied by an assignment contract.

Assignments

Each assignment is designed to help the student synthesize knowledge from class, readings, personal knowledge, and traditional knowledge to build greater understanding. Planned class discussions are enriched when students have completed assigned work at the appropriate time. Material from student assignments also plays an important role in helping the instructor design class activities and lectures to best suit the group of students; therefore, handing in assignments on the due dates is very important.

Assignments will be discussed at the beginning of the course and presented in writing with criteria clearly defined. All students are encouraged to contact the instructor if they have questions or concerns about assignments or their progress. In exceptional circumstances, students may discuss alternate arrangements with their instructor (such as late submission of assignments, etc.). **ALL** assignments must also be submitted punctually. **5% will be deducted** for each calendar day that an assignment is late. Please see additional comments about assignments in the assignment package.

EVALUATION:

ASSIGNMENT #	ASSIGNMENT NAME	VALUE
Assignment #1	"Other" Observation	7%
Assignment #2	Running Observation	17%
Assignment #3	Children's Book Presentation	15%
Assignment #4	Science in a Bucket	15%
Assignment #5	Math in a Box or Bag	15%
Assignment #6	Personal Celebration	20%
Assignment #7	Regular Requested Responses	11%
Total		100%

REQUIRED TEXTBOOKS AND MATERIAL

Compton, M. K. & Thompson, R.C. (2020). *Makerspaces: Remaking your play and STEAM early learning areas*. Minnesota: Redleaf.

British Columbia Ministry of Children and Family Development. (2019) British Columbia: Early learning framework. Victoria: Queen's Printer for British Columbia.

Additional required reading will be available on course Moodle site.

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when a student submits work for credit that includes the words, ideas, or data of others, without citing the source from which the material is taken. Plagiarism can be the deliberate use of a whole piece of work, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Students may use sources which are public domain or licensed under Creative Commons; however, academic documentation standards must still be followed. Except with explicit permission of the instructor, resubmitting work which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the University.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon University recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon University program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukonu.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon University Academic Regulations (available on the Yukon University website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, they should contact the Learning Assistance Centre (LAC): lac@yukonu.ca.
