

DEPARTMENT OF EDUCATION

COURSE OUTLINE – Winter 2023

TA1236 (A3): Remedial Reading and Math – 3 (3-0-0) 45 Hours for 15 Weeks

Northwestern Polytechnic acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

INSTRUCTOR:	Melanie Barry	PHONE:	780-539-2793
OFFICE:	H227	E-MAIL:	mbarry@nwpolytech.ca
OFFICE HOURS:	By Appointment		

CALENDAR DESCRIPTION:

This course examines the educational assistant's role in supporting children who are experiencing developmental delays in language, literacy, and mathematics. The focus is on the use of developmentally appropriate/age-appropriate instructional strategies and materials that are designed to improve performance and understanding in the areas of speech, reading, writing, and mathematical reasoning.

PREREQUISITE(S)/COREQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS: Reithaug (

ADDITIONAL COSTS: Costs may also be incurred by the student for the following:

- Photocopying/printing resources
- Creating a manipulatives kit
- Creating games/activities

DELIVERY MODE(S): Classroom instruction will include a combination of lectures, discussions, small and large group work based on both text and additional readings. Audio-visual materials and other resources will also be used. There will be both in and out of class activities and assignments.

COURSE OBJECTIVES: Students will gain an understanding of:

- Emergent literacy
- AB Learning Curriculum in regard to Language Arts and Math
- Concepts and strategies related to phonemic awareness, phonics, vocabulary, comprehension, and fluency
- The Educational Assistant's role in supporting children who are experiencing developmental delays in language, literacy, and mathematics
- Developmentally/age-appropriate instructional strategies and materials

LEARNING OUTCOMES: Upon successful completion of this course, you will be able to:

- Demonstrate knowledge of emergent literacy and strategies to support further literacy learning
- Demonstrate knowledge of key concepts, processes and instructional methods in language arts when determining strategies, materials, and activities to be used with learners
- Access credible information on curriculum and appropriate resources to assist and support students in language growth and development
- Apply and adapt effective strategies to engage, encourage, and support students according to their identified literacy needs
- Explain the connection between learning theory and mathematics
- Access and utilize resources to support the provincial math curricula
- Apply knowledge of various math concepts, processes and instructional methods when determining strategies, materials, and activities to be used with learners
- Identify and demonstrate methods for remediation, adaptation and accommodation in math

TRANSFERABILITY:

Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at the Alberta Transfer Guide main page <http://www.transferralberta.ca>.

**** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

EVALUATIONS:

Assignment #1	Phonics in Literature	February 17, 2023	20%
Assignment #2	Reading Resource Document	March 13, 2023	20%
Assignment #3	Math Manipulatives Kit/PowerPoint	April 21, 2023	20%
Quiz #1	Language and Literacy	March 3, 2023	10%
Quiz #	Mathematics	April 24, 2023	10%
In-Class Activities	Each Class		20%

GRADING CRITERIA: (The following criteria may be changed to suite the particular course/instructor)

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

Alpha Grade	4-point Equivalent	Percentage Guidelines		Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100		C+	2.3	67-69
A	4.0	85-89		C	2.0	63-66
A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		D+	1.3	55-59
B	3.0	73-76		D	1.0	50-54
B-	2.7	70-72		F	0.0	00-49

COURSE SCHEDULE/TENTATIVE TIMELINE:

Date	Topic
January 6	Introduction Course Outline Assignments
January 9 & 13	Language and Literacy Overview
January 16 & 20	Phonemic Awareness
January 23 & 27	Phonics
January 30 & February 3	Vocabulary
February 6 & 10	Comprehension
February 13 & 17	Fluency
February 20 & 24	Winter Break – No Classes
February 27 & March 3	Language and Literacy Review Quiz
March 6 & 10	Mathematics Overview
March 13	Patterns and Relations
March 17	No In-Person Classes- Work on Assignments and Readings
March 20 & 24	No In-Person Classes- Work on Assignments and Readings
March 27 & 31	Number Concepts
April 3	Number Operations
April 7	Good Friday- No Classes
April 10 & 14	Number Operations Space and Shape
April 17 & 21	Probability and Statistics Math Manipulative Kit Due and Mathematic Review
April 24	Quiz

STUDENT RESPONSIBILITIES: Students are expected to conduct themselves in accordance with basic rights and responsibilities. Please refer to NorthWestern Polytechnic Calendar regarding rights and responsibilities.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the Northwestern Polytechnic Calendar at <https://www.nwpolytech.ca/programs/calendar/> or the Student Rights and Responsibilities policy which can be found at <https://www.nwpolytech.ca/about/administration/policies/index.html>.

**Note: all Academic and Administrative policies are available on the same page.