

# SPED C009N: APPLIED ACADEMICS

| Item                         | Value                                           |
|------------------------------|-------------------------------------------------|
| Top Code                     | 493012 - Job Seeking/Changing Skills            |
| Units                        | 0 Total Units                                   |
| Hours                        | 40 Total Hours (Lecture Hours 16; Lab Hours 24) |
| Total Outside of Class Hours | 0                                               |
| Course Credit Status         | Noncredit (N)                                   |
| Material Fee                 | No                                              |
| Basic Skills                 | Not Basic Skills (N)                            |
| Repeatable                   | Yes; Repeat Limit 99                            |
| Open Entry/Open Exit         | No                                              |
| Grading Policy               | P/NP/SP Non-Credit (D)                          |

## Course Description

Designed to assist students in acquiring basic academic skills or improving their present skills. Emphasis of the course will be on mathematics, reading, and writing skills and the functional application of those skills in everyday life situations. Students will identify their personal academic goals, and Student Educational Contracts will be developed for students based on their goals and ability level. Noncredit. NOT DEGREE APPLICABLE. Not Transferable.

## Course Level Student Learning Outcome(s)

1. Level I: Demonstrate mastery of basic number concepts, by recognizing coins and bills and their relative value by identifying current date and by being able to tell time to the half hour. Students should also be able to construct sets of objects up to 10.
2. Level I: Discriminate letters, safety words, signs and symbols and will be able to recite the alphabet and formulate letters and simple words.
3. Level II: Demonstrate mastery of number concepts by solving mathematic operations including addition, subtraction, multiplication, division, fractions and percentages. Students will demonstrate money handling and comparison shopping.
4. Level II: Increase vocabulary and spelling of up to 100 common words and construct a paragraph using correct grammar and punctuation.

## Course Objectives

- I Level I
- I. 1. Construct sets of up to ten objects, demonstrating knowledge of number concepts.
- I. 2. Recognize coins and bills and their relative value
- I. 3. Identify the current date and time using a calendar and clock and tell time to the nearest half hour.
- I. 4. Use visual discrimination for letters, safety words, signs, and symbols.
- I. 5. Recite the alphabet and express consonant and vowel sounds.
- I. 6. Employ auditory attention by following one- and two-step directions.
- I. 7. Formulate letters and simple words.
- II Level II

- II. 1. Solve basic mathematic operations (addition, subtraction, multiplication, and division).
- II. 2. Compare, add, and subtract the relative value of coins and bills.
- II. 3. Construct cash purchases that demonstrate money handling and comparison shopping skills.
- II. 4. Apply basic budgeting and saving skills.
- II. 5. Tell time to the minute and estimate passage of time, demonstrating understanding of time concepts.
- II. 6. Identify and read 100 common words.
- II. 7. Interpret simple recipes, labels, and directions.
- II. 8. Use reading skills for leisure enjoyment.
- II. 9. Increase vocabulary and spelling.
- II. 10. Relate and/or follow complex requests.
- II. 11. Generate simple sentences using correct grammar and punctuation.
- II. 12. Construct a paragraph with use of topic sentences.

## Lecture Content

Pre-Academic Concepts Pre-math Money concepts Time concepts Pre-reading skills Writing skills Basic Academic Skills Mathematic operations Money use Time Reading skills Writing skills

## Lab Content

Pre-Academic Concepts Pre-math Number recognition Counting Concept of number Money concepts Recognition of bills and coins Attributing value to specific coins and/or bills Comparing value of coins and bills Time concepts Identification of day, month, year, and season Time relationships (e.g., before/after, sooner/later) Telling time to the nearest hour and half-hour Pre-reading skills Visual discrimination of shapes and symbols Pattern sequencing Letter identification and matching Reciting the alphabet Phonetic verbalization of vowel and consonant sounds Identification of safety words and signs Writing skills Written Printing Cursive Writing Oral Articulation Asking questions and making needs and thoughts known Basic Academic Skills Mathematic operations Addition Subtraction Multiplication Division Word Problems Decimals Fractions Money use Counting Money Making purchases Making change Budgeting and comparison shopping Time Telling time to the quarter hour and minute Time estimation Conceptualization of time passage Reading skills Sight recognition of commonly used words Reading sentences Vocabulary development Understanding simple written directions Applied reading skills Leisure time reading Writing skills Spelling Sentence formation Grammar and punctuation Thought sequencing Paragraph development and use of topic sentences

## Method(s) of Instruction

- Regular NC Lect (NC3)
- Regular NC Lab (NC4)
- Live Online Reg NC Lecture (NCB)
- Live Online Reg NC Lab (NCC)

## Instructional Techniques

Lecture and discussion of important concepts. Discussion of related current issues of interest. Hands-on problem-solving exercises. Peer-supported evaluations.

## **Reading Assignments**

Using smartphone technology, computers, and text/voice technology, students will read applied academic scenarios and apply appropriate techniques to reach conclusions.

## **Writing Assignments**

Students will record applied academic solutions using pencil and paper, smartphone technology, computers, or other text/voice technologies.

## **Out-of-class Assignments**

Student will complete one out-of-class research assignment relating to a successful application of applying academics.

## **Demonstration of Critical Thinking**

Direct observation of standard applications of academics applied in classroom scenarios.

## **Required Writing, Problem Solving, Skills Demonstration**

The students' successful recording of application of academics in everyday scenarios using appropriate adaptive tools/facilitation as needed.

## **Eligible Disciplines**

Special education: Minimum qualifications for these faculty members are specified in title 5, section 53414. Master's degree required. Title 5, section 53414

## **Other Resources**

1. Coastline Library