

# ADULT BASIC EDUCATION (ABED)

## ABED 102

### Supervised Tutoring

This self-paced, open-entry/open exit non-credit course provides individualized and growth activities designed to include a learning style assessment and follow-up, assistance with acquiring study skills, and guidance in completing coursework. Designed to help students achieve outcomes related to specific courses for which tutoring is sought. (*Apportionment*)

## ABED 105

36-150 Hours

### NOCE Learning Center

Designed for students from beginning levels of reading and mathematics to those needing support for higher education. Through the use of small-group instruction, computer-aided instruction, audio books and workbooks, students will become better readers, writers and thinkers. Students may also improve their skills in mathematics. Skills attained can be used for personal growth, job advancement or for entry into other educational programs. Learning plans will be developed for each student based on student goals, needs and learning style. (*Apportionment*)

## ABED 106

72 Hours

### Literacy and Basic Skills Beginning

Designed for emergent readers or students with very limited reading, writing, and math skills. The focus of the course is on decoding skills, fluency, and workplace literacy. Sight words and essential word reading are covered. (*Apportionment*)

## ABED 107

36-150 Hours

### Literacy & Basic Skills Intermediate

This course reviews reading for information and academic vocabulary; writing skills necessary for higher education and the workplace, such as essays, note-taking and business writing; including understanding the general principles at work. (*Apportionment*)

## ABED 110

72 Hours

### College Prep - Basic Math

*Advisory: Basic computer navigation skills.*

This noncredit course is intended for students who desire to build or strengthen foundational level mathematical skills such as the addition, subtraction, multiplication, and division of whole numbers, fractions, decimals, percents, and integers. These concepts are applied to ratios, exponents, measurements, proportions, statistics, metric conversions, and geometric shapes. In addition, these operations, along with basic number theory, are used to solve real world problems. All work will be done without a calculator. (*Apportionment*)

## ABED 115

72 Hours

### College Prep Pre-Algebra

*Advisory: ABED 110 College Prep - Basic Math or completion of a comparable Basic Math course.*

This noncredit course is a review of basic math skills and an introduction to the basic principles of algebra. Topics include: Integers and algebraic expressions; operations on integers, mixed numbers and decimals, ratio, fractions, proportion and percentages; introduction of polynomials; polynomials and properties of exponents; factoring polynomials; solving linear equations and linear inequalities; graphing linear equations; equation solving and informal geometry. (*Apportionment*)

## ABED 116

72 Hours

### College Prep Elementary Algebra

*Advisory: Knowledge of basic math skills and pre-algebra and order of operations to solve problems involving integers, fractions, and decimals.*

This noncredit course is an introduction to algebra. Topics include: basic operations of integers, fractions, mixed numbers and decimals, linear equations and inequalities, simplifying and evaluating expressions, solutions of linear equations, linear inequalities, systems of linear equations, graphing linear equations, exponents and polynomials, factoring polynomials, rational expressions, roots and radicals, and quadratic equations (*Apportionment*)

## ABED 117

72 Hours

### College Prep Pre and Elementary Algebra (Accelerated)

*Advisory: Knowledge of basic math and algebraic skills and order of operations to solve problems involving integers, fractions, and decimals.*

An accelerated course combining content from ABED 115 College Prep Pre-Algebra and ABED 116 College Prep Elementary Algebra. This noncredit course is a review of the Pre and Elementary Algebra concepts. Topics include: integers and algebraic expressions, operations on integers, mixed numbers and decimals, ratio, fractions, proportion and percentages. Introduction of polynomials, properties of exponents, factoring polynomials, simplifying and evaluating expressions, solving linear equations and inequalities, graphing linear equations, factoring polynomials, rational expressions, quadratic equation, roots and radicals, and informal geometry. (*Apportionment*)

## ABED 120

50-150 Hours

### College Prep Basic Math & Pre-Algebra (Accelerated)

*Advisory: Basic computer navigation skills.*

An accelerated course combining ABED 110 College Prep, Basic Math and ABED 115 College Prep, Pre-Algebra. This noncredit accelerated course is a review of basic math skills and an introduction to basic skills of algebra. Topics include: addition, subtraction, multiplication, and division of whole numbers, fractions, decimals, ratios, percents, integers, exponents, measurements, proportions, algebraic expressions, introduction to polynomials, polynomials and properties of exponents, factoring polynomials, linear equations and linear inequalities, graphing linear equations, and equation solving and informal geometry. (Also known as Math Co-Lab. Open to college students ONLY) (*Apportionment*)

## ABED 124

50-150 Hours

### College Prep Pre-Statistics

*Advisory: Knowledge of basic math skills, and be able to successfully complete operations on integers, fractions, mixed numbers and decimals.*

An introduction to statistics. This noncredit course is a review of basic math skills and an introduction to statistics. Topics include: pre-algebra, expressions and formulas, linear equations, formulas, data collection, data summary and organization, factorials, multiplication principle, analyzing algebraic forms to understand statistical measures, permutations, and combinations, probabilities, discrete probability distributions, graphical and numerical descriptive statistics for quantitative and categorical data, constructing sampling distribution, scatter diagrams, correlations, reading and understanding statistical application problems. (*Apportionment*)

## ABED 150

72 Hours

### College Prep English Reading and Writing

*Advisory: Proficient English reading skills, vocabulary, comprehension, composition writing skills and basic computer skills.*

This non-credit course is intended for students who desire to strengthen developmental English reading and writing skills by emphasizing a comprehensive approach to reading and writing. Topics include: academic comprehension, vocabulary development, reading efficiency, study techniques, and academic composition. (*Apportionment*)

**ABED 170**

**Whole Numbers A: Add and Subtract**

This course supports students in developing basic math skills associated with addition and subtraction in preparation for High School and College Preparation Math skills. *(Apportionment)*

**ABED 405** **72 Hours**

**GED/HiSET: Mathematics**

GED/HiSET mathematics prepares students to pass the math section of the GED/HiSET test. The GED/HiSET pre-test identifies needed areas of instruction for each student. Scope of instruction is basic computation, analytical and reasoning skills, word problems and word problems with graphics. *(Apportionment)*

**ABED 406** **72 Hours**

**GED/HiSET: Reading**

GED/HiSET reading prepares students to pass the reading section of the GED test. The GED/HiSET pre-test identifies needed areas of instruction for each student. Scope of instruction includes comprehension, fiction, nonfiction, poetry, and drama. *(Apportionment)*

**ABED 407** **72 Hours**

**GED/HiSET: Science**

GED/HiSET science prepares students to pass the science section of the GED/HiSET test. Sciences covered are life, physical, earth and space. Students learn to analyze and apply science information. *(Apportionment)*

**ABED 408** **72 Hours**

**GED/HiSET: Social Studies**

GED/HiSET social studies prepares students to pass the social studies section of the GED/HiSET test. The GED/HiSET pre-test identifies needed areas of instruction for each student. Scope of course covers U.S. history, world history, civics and government, geography and economics. *(Apportionment)*

**ABED 409** **72 Hours**

**GED/HiSET: Language Arts and Writing**

GED/HiSET writing prepares students to pass the language arts and writing section of the GED/HiSET test. The GED/HiSET pre-test identifies needed areas of instruction for each student. This course covers the writing process, grammar usage and mechanics. *(Apportionment)*

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