

Course Outline of Record

1. Course Code: ABE-346A
2.
  - a. Long Course Title: Algebra I
  - b. Short Course Title: ALGEBRA I
3.
  - a. Catalog Course Description:  
This course provides basic algebra skills including simple equations, use of formulas, exponents and factoring. Self-instructional material allows self-paced study.
  - b. Class Schedule Course Description:  
Write, evaluate, and solve algebraic equations, coefficients, integers and monomials.
  - c. Semester Cycle (if applicable): Course is offered Fall, Spring and Summer sessions.
  - d. Name of Approved Program(s):

- SECONDARY EDUCATION (High School Diploma) Certificate of Completion

4. Total Units: 0      Total Semester Hrs: 80.00  
 Lecture Units: 0      Semester Lecture Hrs: 0  
 Lab Units: 0      Semester Lab Hrs: 80.00  
 Class Size Maximum: 50      Allow Audit: No  
 Repeatability Repeatable 3 Times  
 Justification Noncredit course

5. Prerequisite or Corequisite Courses or Advisories:  
*Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm I-A)*  
*N/A*

6. Textbooks, Required Reading or Software: (List in APA or MLA format.)
  - a. Steck-Vaughn (2002). Working with Numbers: Algebra Steck-Vaughn.  
 College Level: No  
 Flesch-Kincaid reading level: 12

7. Entrance Skills: *Before entering the course students must be able:*

8. Course Content and Scope:

Lecture:

1. Use of the equation
2. Exponents, monomials, binomials and factoring
3. Quadratic equations

Lab: (if the "Lab Hours" is greater than zero this is required)

1. Use of the equation
2. Exponents, monomials, binomials and factoring
3. Quadratic equations

9. Course Student Learning Outcomes:

1. Solve simple equations.
2. Use algebraic formulas to solve problems.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. Demonstrate knowledge of basic formulas
- b. Solve basic equations
- c. Demonstrate use of monomials, binomials, exponents and factoring

# ABE 346A-Algebra I

d. Solve quadratic equations

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

a. Individualized Study

b. Laboratory

Other Methods:

a. Each student will work in his assigned workbook at an assigned time with supervision or study independently with assistance if necessary. b. Each student is required to complete all assigned workbook exercises tests.

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 80.00

Outside Class Hours: 0

a. In-class Assignments

-  
Workbook and sheets

b. Out-of-class Assignments

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13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

• Self-paced testing

• Other

a. Workbook exercise tests b. Passing score of 80% or better

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO-BS Independent Study Skills

Recognize that the responsibility for learning and growth is their own.

IO - Personal and Professional Development

Self-evaluate knowledge, skills, and abilities.

16. Comparable Transfer Course

**University System**

**Campus**

**Course Number**

**Course Title**

**Catalog Year**

17. Special Materials and/or Equipment Required of Students:

Calculator

18. Materials Fees:  Required Material?

**Material or Item**

**Cost Per Unit**

**Total Cost**

19. Provide Reasons for the Substantial Modifications or New Course:

due for review

20. a. Cross-Listed Course *(Enter Course Code):* *N/A*

b. Replacement Course *(Enter original Course Code):* *N/A*

21. Grading Method *(choose one):* Pass/No Pass Only

22. MIS Course Data Elements

a. Course Control Number [CB00]: CCC000122075

ABE 346A-Algebra I

- b. T.O.P. Code [CB03]: 170100.00 - Mathematics, General
- c. Credit Status [CB04]: N - Noncredit
- d. Course Transfer Status [CB05]: C = Non-Transferable
- e. Basic Skills Status [CB08]: 1B = Course is a basic skills course
- f. Vocational Status [CB09]: Not Occupational
- g. Course Classification [CB11]: K - Other Noncredit Enhanced Funding
- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: N/A
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: C - Elementary and Secondary Basic Skills
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (if program-applicable): SECONDARY EDUCATION (High School Diploma)  
*Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)*

23. Enrollment - Estimate Enrollment

First Year: 0  
Third Year: 0

24. Resources - Faculty - Discipline and Other Qualifications:

- a. Sufficient Faculty Resources: Yes
- b. If No, list number of FTE needed to offer this course: N/A

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (Explain:)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

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28. Originator Tyrone Thomas Origination Date 02/26/18