The i-Pathways project provides a depth of curriculum based on the Common Core Standards that will help learners build the knowledge needed to successfully earn their high school equivalency credential.

- The Reasoning Through Language Arts curriculum provides learners with a range of complex texts and materials.
- The Mathematics curriculum prepares learners to build foundational skills in mathematical reasoning as well as fluency in problem solving and procedural application.
- The Science curriculum meets the standards for the National Research Council’s Framework for K-12 Science Education.
- The Social Studies curriculum meets the requirements for the National Standards for History.

**Reasoning Through Language Arts**

The RTLA Module will provide you with the experience of reading and responding to questions reflective of a range of materials.

**Unit 1: The Reading Process**
- Lesson 1 - What is Reading?
- Lesson 2 - Pre-Reading
- Lesson 3 - During Reading
- Lesson 4 - After Reading

**Unit 2: Vocabulary and Word Skills**
- Lesson 1 - Understanding Word Parts
- Lesson 2 - Vocabulary in Context
- Lesson 3 - Confused Pairs
- Lesson 4 - Learning Vocabulary

**Unit 3: Reading Comprehension Skills**
- Lesson 1 - Main Ideas
- Lesson 2 - Details
- Lesson 3 - Inferences

**Unit 4: Patterns of Organization**
- Lesson 1 - Fact and Opinion
- Lesson 2 - Cause and Effect & Compare and Contrast
- Lesson 3 - Time Order, Narrative Process
- Lesson 4 - Classification, Description and Listing of Examples
Unit 5: Purpose and Tone
• Lesson 1 - Purpose and Tone
• Lesson 2 - Informative Reading
• Lesson 3 - Reading for Pleasure

Unit 6: Graphics and Electronic Texts
• Lesson 1 - Reading Graphics with Understanding
• Lesson 2 - Reading Electronic Texts

Unit 7: The Writing Process
• Lesson 1 - Paragraph and Sentences
• Lesson 2 - Patterns of Organization
• Lesson 3 - The Writing Process
• Lesson 4 - Introduction to Referencing Materials

Mathematics

The Math units and lessons were designed to help students build foundational skills in mathematical reasoning as well as fluency in problem solving and procedural application.

Unit 1 Introduction to Real Numbers
• Lesson 1 - Integers
• Lesson 2 - Additions with Integers
• Lesson 3 - Subtraction with Integers
• Lesson 4 - Adding and Subtracting Signed Numbers
• Lesson 5 - Multiplication, Division and Order of Operations with Rational Numbers

Unit 2 Introduction to Algebra
• Lesson 1 - Variables and Algebraic Expressions
• Lesson 2 - Combining Like Terms and Simplifying
• Lesson 3 - Solving Algebraic Equations Using the Addition Principle
• Lesson 4 - Solving Algebraic Equations Using the Multiplication Principle
• Lesson 5 - Solving Algebraic Equations Using the Multiplication and Additions Principles
• Lesson 6 - Solving Algebraic Equations with Fractions and Decimals
• Lesson 7 - Translating and Word Problems
• Lesson 8 - Solving Linear Equations Requiring Simplification of Either or Both Sides
• Lesson 9 - Solving Linear Equations with Variable on Both Sides
• Lesson 10 - Solving Literal Equations

Unit 3 Introduction to Geometry
• Lesson 1 - Points, Lines, Planes, and Angles
• Lesson 2 - Classifying Triangles and the Pythagorean Theorem
• Lesson 3 - Classifying Quadrilaterals
• Lesson 4 - Circles
• Lesson 5 - Area of Polygons Using Formulas
• Lesson 6 - Volume

Unit 4 Linear Inequalities in One Variable
• Lesson 1 - Set Notation, Interval Notation, and Terminology
• Lesson 2 - Solve and Graph Single Linear Inequalities
• Lesson 3 - Solve and Graph Compound Linear Inequalities in One Variable
• Lesson 4 - Solve Linear Equations and Inequalities Containing Absolute Value

Unit 5 Linear Functions
• Lesson 1 - Introduction to Graphing
• Lesson 2 - Graphing Linear Functions Using a Table of Values
• Lesson 3 - Graphing Horizontal and Vertical Lines
• Lesson 4 - Graphing Linear Functions Using Intercepts
• Lesson 5 - Rate of Change – Understanding Slope in Context
• Lesson 6 - Slope of a Line
• Lesson 7 - Equations of Lines (Slope-Intercept and Point-Slope Form)
• Lesson 8 - Graphing Linear Functions in Slope-Intercept Form or Point-Slope Form
• Lesson 9 - Applications of Linear Functions
• Lesson 10 - Write the Equation of a Line Perpendicular or Parallel to a Given Line
• Lesson 11 - Graph Linear Inequalities in Two Variable

Science

The major content areas include life science, Earth and space, and physical science.

Unit 1: Life Science
• Lesson 1 - The Human Body
• Lesson 2 - The Cell
• Lesson 3 - Molecular Basis of Heredity
• Lesson 4 - Understanding Evolution
• Lesson 5 - Form and Function
• Lesson 6 - Interdependence of Organisms
• Lesson 7 - Behavior of Organisms

Unit 2: Scientific Methods and Technology
• Lesson 1 - Science as Inquiry
• Lesson 2 - Science and Technology
Unit 3: Physical Science:
• Lesson 1 - Structure and Properties of Matter
• Lesson 2 - Chemical Reactions
• Lesson 3 - Motion and Forces
• Lesson 4 - Systems, Order and Organization
• Lesson 5 - Interactions of Energy and Matter

Unit 4: Earth and Space Science:
• Lesson 1 - Energy in the Earth System
• Lesson 2 - Evolution of the Earth System
• Lesson 3 - Origin and Evolution of the Universe
• Lesson 4 - Preservation of the Earth and its Resources

Social Studies

The major content areas include United States History, economics, geography, and the world.

Unit 1: Civics and Government
• Lesson 1 - Modern and Historical Governments
• Lesson 2 - American Constitutional Democracy
• Lesson 3 - Structure and Design of United States Government
• Lesson 4 - Political Parties, Campaigns, Elections, Electoral Process, and Contemporary Public Policy

Unit 2: United States History
• Lesson 1 - Revolutionary and Early Republic Periods.
• Lesson 2 - Change to Civil War and Reconstruction
• Lesson 3 - Civil Rights
• Lesson 4 - European Settlement and Population of the Americas
• Lesson 5 - The Cold War and Foreign Policy Since 9/11

Unit 3: Economics
• Lesson 1 - Fundamental Economic Concepts
• Lesson 2 - Microeconomics and Macroeconomics
• Lesson 3 - Key Economic Events Shaping American Government and Policies
• Lesson 4 - Consumer Education

Unit 4: Geography and the World
• Lesson 1 - Development of Classical Civilizations
• Lesson 2 - Relationship Between the Environment and Societal Development
• Lesson 3 - Borders between People and Nations
Consumer Education

The Consumer Education Module provides experience with real world documents, application of math principles and reading non-fiction passages.

Unit 1: Getting a Job or Furthering Your Education
- Lesson 1 - Find A Job
- Lesson 2 - Labor Unions
- Lesson 3 - Health Insurance
- Lesson 4 - Your Paycheck and Taxes
- Lesson 5 - Payday
- Lesson 6 - Transition to Higher Education

Unit 2: Taxes
- Lesson 1 - Government and Taxes
- Lesson 2 - Filing Federal Taxes
- Lesson 3 - Filing State Taxes

Unit 3: Housing
- Lesson 1 - Renting vs. Owning
- Lesson 2 - insurance

Unit 4: Transportation
- Lesson 1 - Selecting a Vehicle
- Lesson 2 - Buying vs. Leasing
- Lesson 3 - Auto Insurance

Unit 5: Investing
- Lesson 1 - Life Insurance
- Lesson 2 - Stocks
- Lesson 3 - Mutual Funds
- Lesson 4 - Investing in Bonds
- Lesson 5 - Retirement Plans

Unit 6: Consumer Protection and Decision Making
- Lesson 1 - Advertising and Decision Making
- Lesson 2 - Comparison Shopping
- Lesson 3 - Deception and Fraud
- Lesson 4 - Rights and Responsibilities
- Lesson 5 - Resolving a Consumer Complaint